Supplementary materials

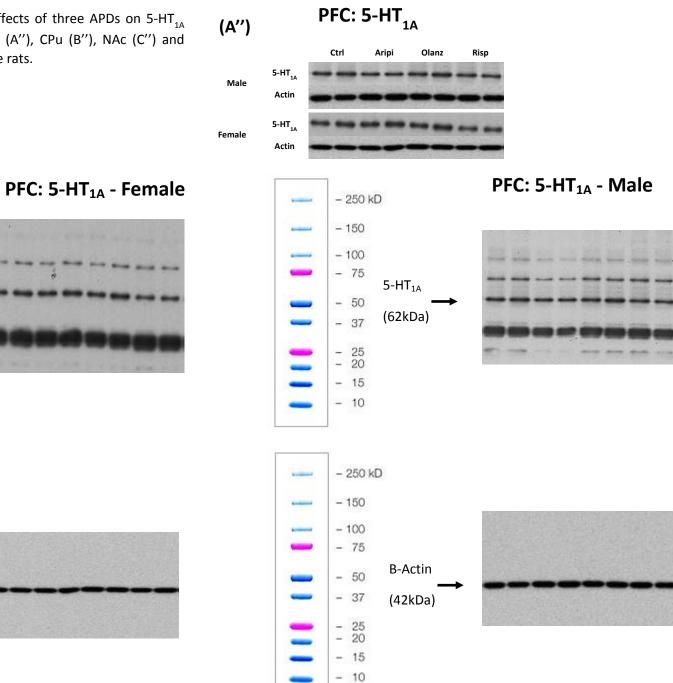
Supplementary Figure 1 - Effects of three APDs on 5-HT_{1A} expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and male rats.

5-HT_{1A}

(62kDa)

B-Actin

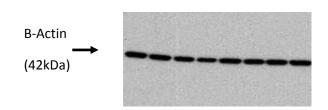
(42kDa)



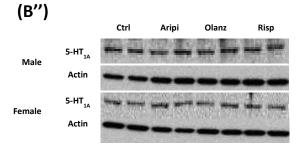
Supplementary Figure 1 - Effects of three APDs on 5-HT_{1A} expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and male rats.

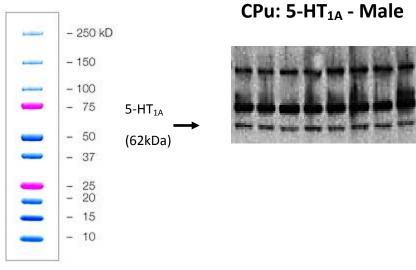
CPu: 5-HT_{1A} - Female

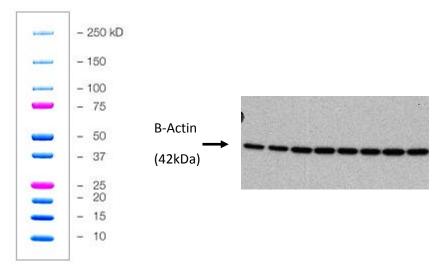




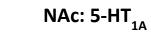
CPu: 5-HT_{1A}



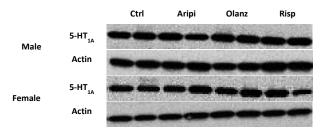




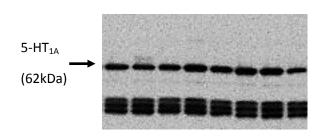
Supplementary Figure 1 - Effects of three APDs on $5\text{-HT}_{1\mathrm{A}}$ expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and ma le rats.



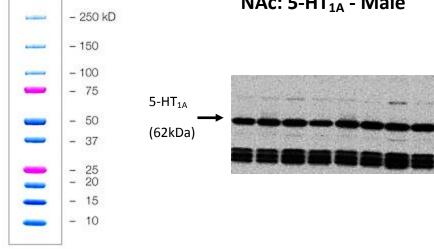




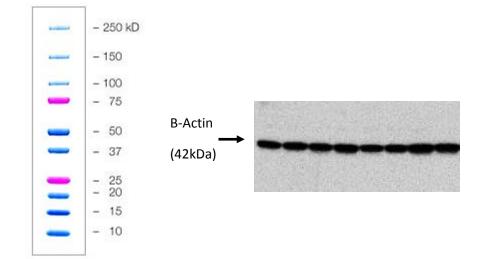
NAc: 5-HT_{1A} - Female



NAc: 5-HT_{1A} - Male



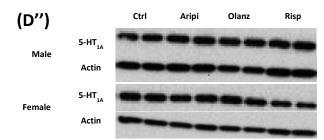




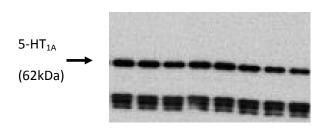
expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and male rats.

Supplementary Figure 1 - Effects of three APDs on 5-HT $_{\rm 1A}$

Hipp: 5-HT_{1A}

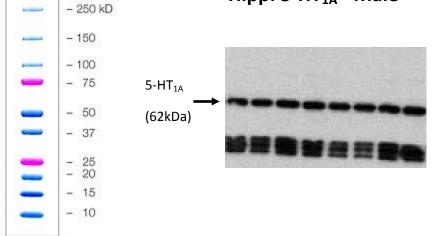


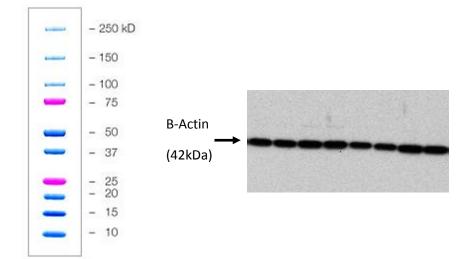
Hipp: 5-HT_{1A} - Female



B-Actin (42kDa)

Hipp: 5-HT_{1A} - Male





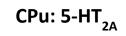
Supplementary Figure 2 - Effects of three APDs on 5-HT $_{2A}$ expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and male rats.

5-HT_{2A} Male Actin 5-HT_{2A} Female Actin PFC: 5-HT_{2A} - Female PFC: 5-HT_{2A} - Male - 250 kD - 150 - 100 - 75 5-HT_{2A} 5-HT_{2A} - 50 (55kDa) (55kDa) - 37 - 25 - 20 - 15 - 10 - 250 kD - 150 - 100 - 75 B-Actin **B-Actin** - 50 - 37 (42kDa) (42kDa) - 25 - 20 - 15 - 10

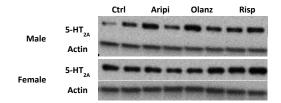
(A'')

PFC: 5-HT_{2A}

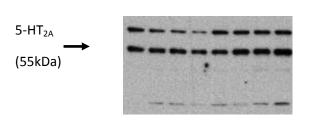
Supplementary Figure 2 - Effects of three APDs on $5\text{-HT}_{2\mathrm{A}}$ expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and male rats.

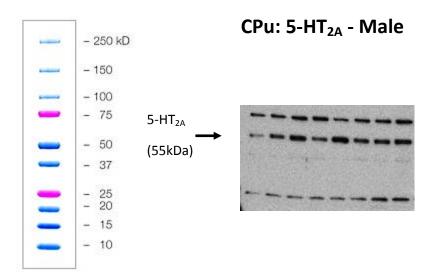


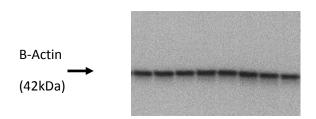
(B")

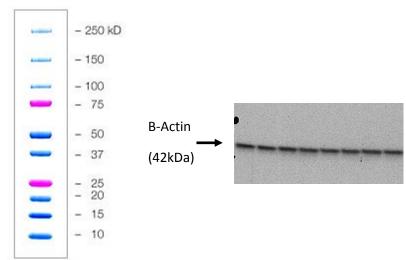


CPu: 5-HT_{2A} - Female

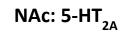




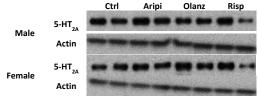




Supplementary Figure 2 - Effects of three APDs on 5-HT_{2A} expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and ma le rats.

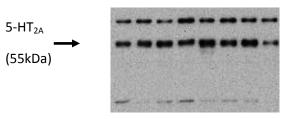




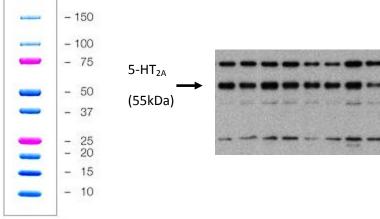


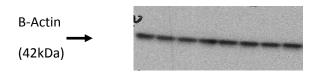
- 250 kD

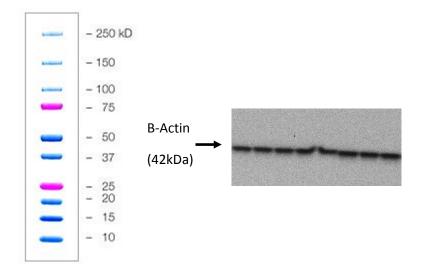
NAc: 5-HT_{2A} - Female



NAc: 5-HT_{2A} - Male







Hipp: 5-HT_{2A}

Supplementary Figure 2 - Effects of three APDs on 5-HT_{2A} expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and male rats.

(D")

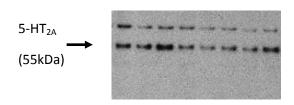
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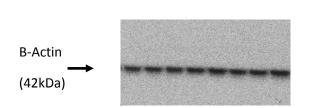
5-HT_{2A}
Actin
5-HT_{2A}

Female

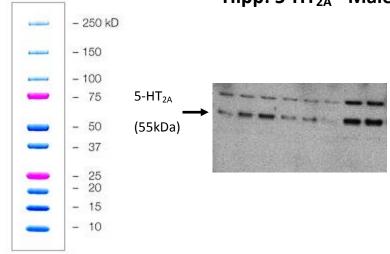
Actin

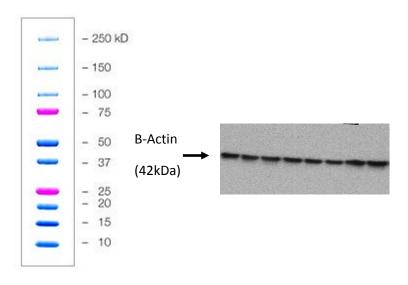
Hipp: 5-HT_{2A} - Female





Hipp: 5-HT_{2A} - Male





Supplementary Figure 3 - Effects of three APDs on 5-HT $_{2C}$ expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and male rats.

5-HT_{2C}

(55kDa)

B-Actin

(42kDa)

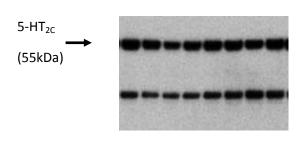
PFC: 5-HT_{2C} - Female

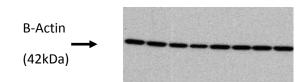
PFC: 5-HT_{2C} (A'') 5-HT_{2C} Male Actin 5-HT_{2C} Female Actin PFC: 5-HT_{2C} - Male - 250 kD - 150 - 100 - 75 5-HT_{2C} - 50 (55kDa) - 37 - 25 - 20 - 15 - 10 - 250 kD - 150 - 100 - 75 **B-Actin** - 50 - 37 (42kDa) - 25 - 20 - 15 - 10

Supplementary Figure 3 - Effects of three APDs on 5-HT_{2C} expression levels in the PFC (A"), CPu (B"), NAc (C") and

Hipp (D") of female and male rats.

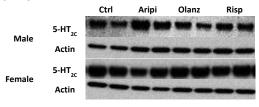
CPu: 5-HT_{2C} - Female



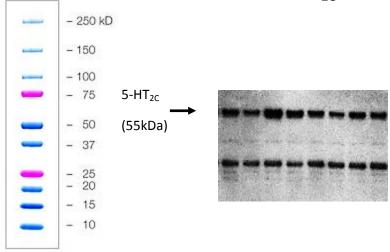


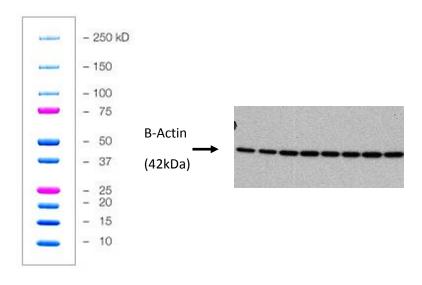
CPu: 5-HT_{2C}

(B")



CPu: 5-HT_{2C} - Male

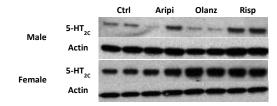




Supplementary Figure 3 - Effects of three APDs on 5-HT_{2C} expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and ma le rats.

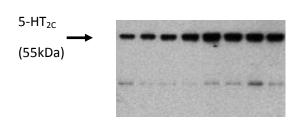
NAc: 5-HT_{2C}

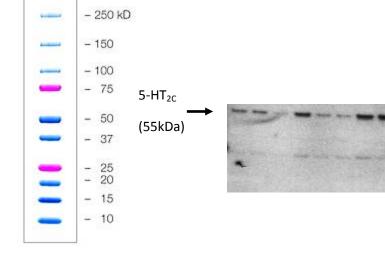
(C")

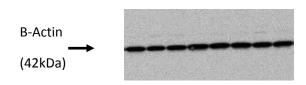


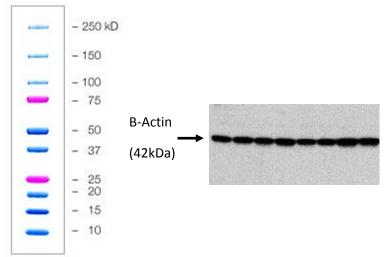
NAc: 5-HT_{2C} - Female

e NAc: 5-HT_{2C} - Male









Hipp: 5-HT_{2C}

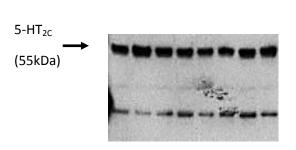
Supplementary Figure 3 - Effects of three APDs on 5-HT_{2C} expression levels in the PFC (A"), CPu (B"), NAc (C") and Hipp (D") of female and male rats.

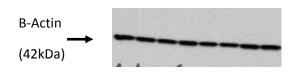
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Male Actin

Female Actin

Hipp: 5-HT_{2C} - Female





Hipp: 5-HT_{2C} - Male

