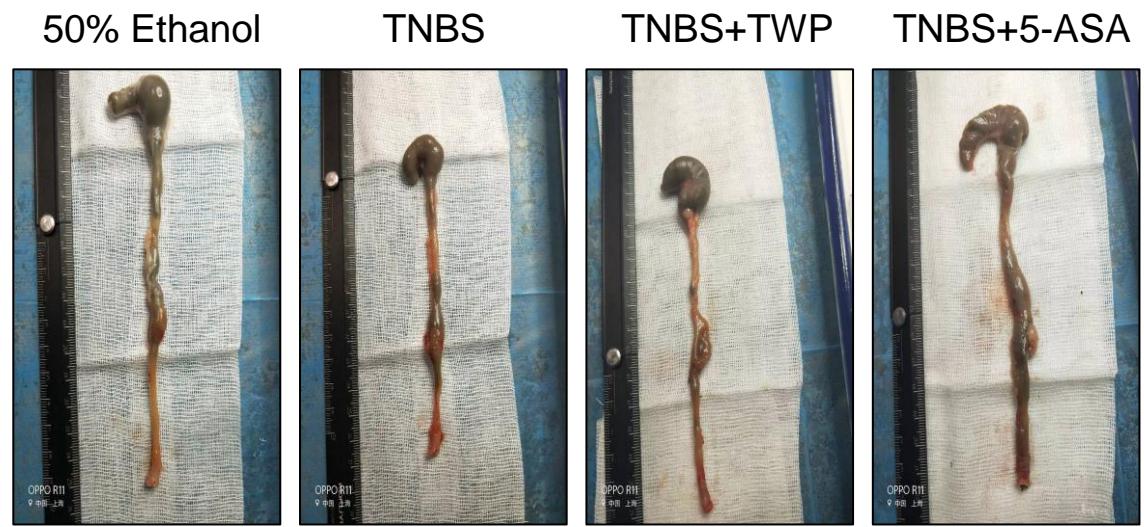
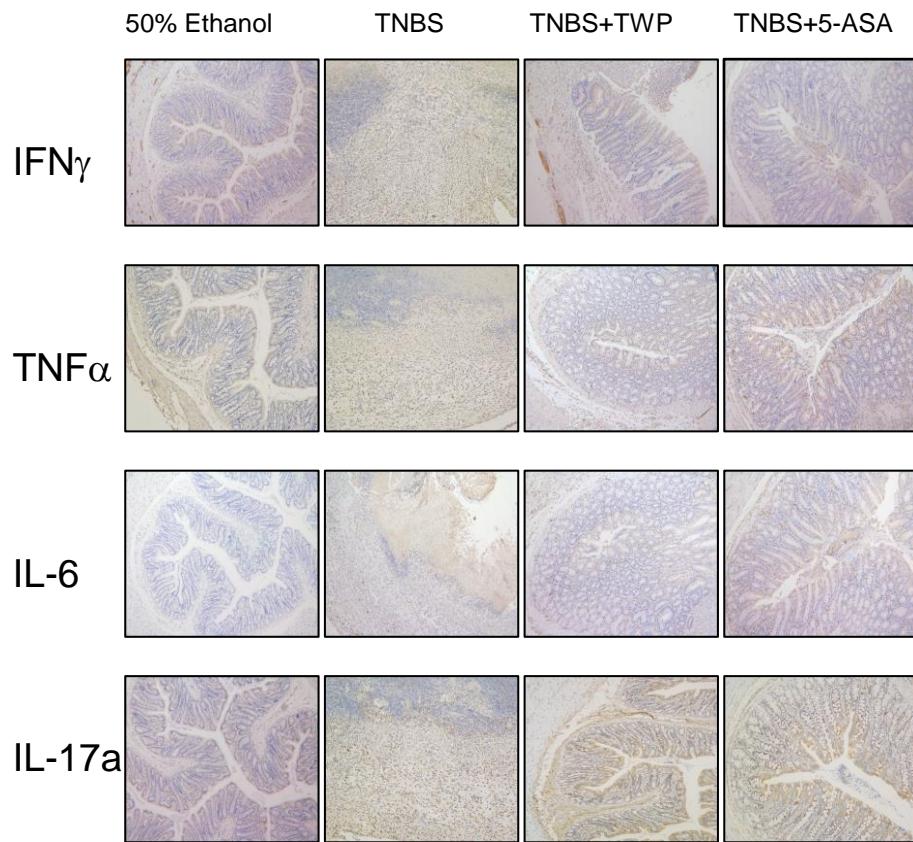


## Supplementary Figure 1



**Supplementary Figure 1** The gross morphology of colons from different groups.

## Supplementary Figure 2



**Supplementary Figure 2** TWP down-regulates pro-inflammatory mediators in rats.

Immunological histochemistry staining analysis of TNF $\alpha$ , IL-6, IFN $\gamma$ , and IL-17A expression in colon.

## Supplementary Table 1

Disease activity index scale.

Weight loss	Diarrhea	Blood Stool	Score
<1%	Normal	Negative	0
1%~5%	Soft	OB+	1
5%~10%	Mushy	Bloody ++	2
10%~15%	Porridge	Bloody +++	3
15%	Watery	Bloody >+++	4

\* OB, occult blood.

## Supplementary Table 2

Histologic analysis of colonic mucosal inflammation.

Histologic findings	Score
No obvious intestinal damage.	0
Intestinal villus destruction didn't exist but mild pro-inflammatory lymphocyte infiltration was observed.	1
Intestinal ulcers didn't exist and crypt destruction, lumen thickening without exceeding muscle and moderate pro-inflammatory lymphocyte infiltration were observed.	2
Intestinal ulcers didn't exist and vascular hyperplasia, lumen thickening and severe pro-inflammatory lymphocyte infiltration.	3
Intestinal ulcers, vascular hyperplasia, crypt destruction, and severe pro-inflammatory lymphocyte infiltration.	4

## Supplementary Table 3

### Primers for qRT-PCR.

$\beta$ -actin-F	GGAGAAGATTGGCACACAC
$\beta$ -actin-R	ACACAGCCTGGATGGCTACG
IL-6-F	AAGCCAGAGTCATTAGAGCAA
IL-6-R	GTCTTGGTCCTTAGCCACTCC
IL-17A-F	GTTCAGTGTGTCCAAACGCC
IL-17A-R	AGGGTGAAGTGGAACGGTTG
IFN $\gamma$ -F	GAGGAACTGGCAAAAGGACG
IFN $\gamma$ -R	AGTGCGATTGATGACACT
TNF $\alpha$ -F	TGAGCTCAAGCCCTGGTATG
TNF $\alpha$ -R	AGAGAACGGATAACACGCC

## Supplementary Table 4

Company and CAS ID of the antibodies used in western blotting and flow cytometer.

Antibody	Company	CAS ID
Anti-IL-17A	Abcam	ab150719
Anti-TNF $\alpha$	Abcam	ab6617
Anti-IL-6	Abcam	ab9324
Anti-IFN $\gamma$	Abcam	ab133566
Anti-ROR $\gamma$ t	Abcam	ab41942
Anti-Foxp3	Abcam	ab22510
Anti-HIF1 $\alpha$	Abcam	ab1
Anti-STAT3	Abcam	ab68153
Anti-NF- $\kappa$ B p65	Abcam	ab32536
Anti-rat CD4-APC	eBioscience	17-0040-82
Anti-rat CD25-FITC	BD Pharmingen	554865
Anti-rat Foxp3-PE	eBioscience	12-5773-82
Anti-rat IL-17A-PE	eBioscience	12-7177-81