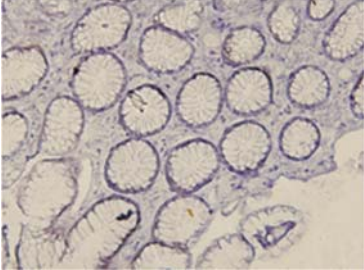
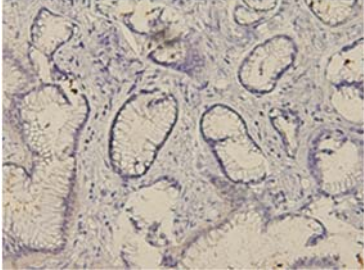
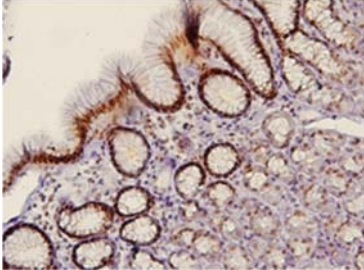
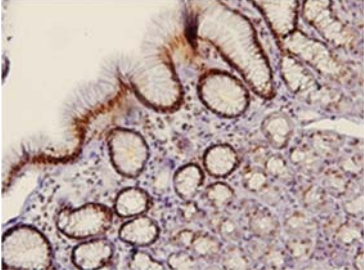
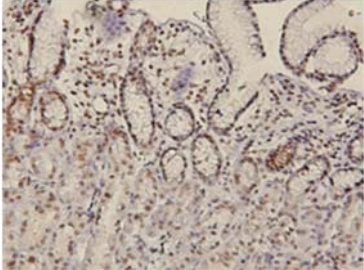
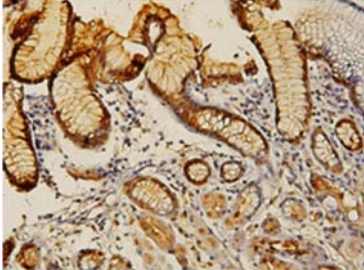
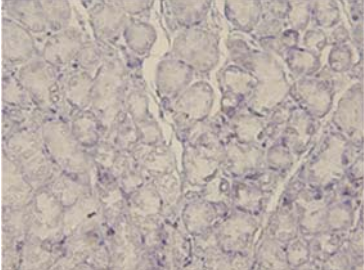
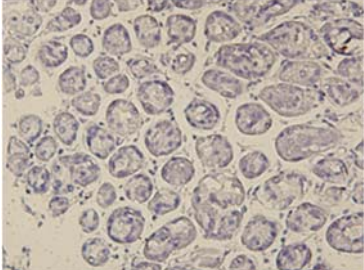
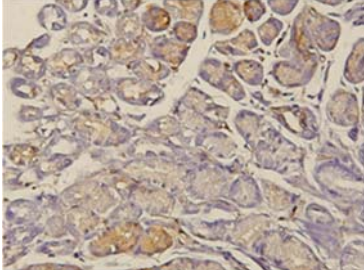
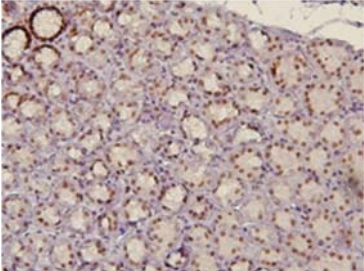
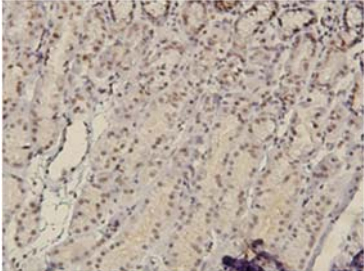
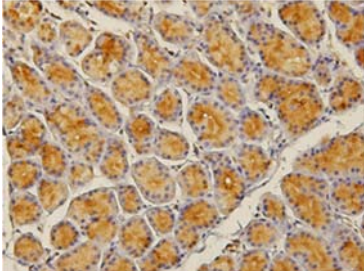


Supplement Fig. 1. Scores of immunohistochemistry stains for MAPK.

p- p38	p- JNK	p- ERK
SE, LP 1 	SE, LP 0 	SE, LP 1 
SE, LP4 	SE, LP4 	SE, LP 3, 2 
DG 1 	DG 0 	DG 1 
DG 4 	DG 4 	DG 2 

MAPK expression was analyzed in the superficial epithelium cells (SE), in the deep glandular cells (DG), and in the lamina propria mononuclear cells (LP) in nucleus and in cytoplasm. Expression of p-p38, p-JNK, and p-ERK was graded as: 0, negative or less than 1% of stained cells; 1, 1% to 25% of stained cells; 2, 25% to 50%; 3, 50% to 75% of stained cells, and 4, 75% to 100% of stained cells.