

TFF2 Polyclonal Antibody

Catalog number: 13681-1-AP

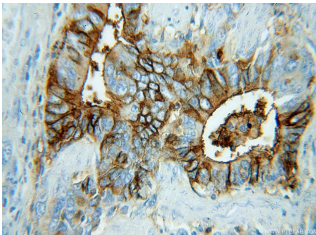
Size: 37 µg/150 µl

Source: Rabbit

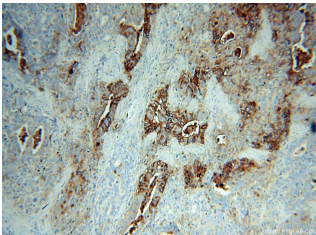
Isotype: IgG

Synonyms:

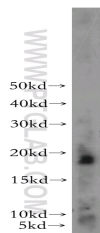
TFF2; SML1, SP, Spasmolysin, Spasmolytic polypeptide, TFF2, trefoil factor 2



Immunohistochemical of paraffin-embedded human stomach cancer using 13681-1-AP (TFF2 antibody) at dilution of 1:50 (under 40x lens)



Immunohistochemical of paraffin-embedded human stomach cancer using 13681-1-AP (TFF2 antibody) at dilution of 1:50 (under 10x lens)



human stomach tissue were subjected to SDS PAGE followed by western blot with 13681-1-AP (TFF2 antibody) at dilution of 1:100

Background

The trefoil factor family (TFF), comprises of three polypeptides, TFF1, TFF2 and TFF3 (7-12kDa), secreted to mucosal surfaces by mucus producing cells, prominently in the gastrointestinal tract. TFF2, also known as spasmolytic polypeptide, is a low-molecular weight protein, expressed in mucous neck cells of the fundus and glands at the base of the antrum in normal human stomach. TFF2 could Inhibit gastrointestinal motility and gastric acid secretion. However, recent studies suggest that TFF2 could also play an important role in the immune system.

Applications

Tested applications:	ELISA, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated TFF2 MW:	129aa, 14kd
Observed TFF2 MW:	18-20kd
Positive WB detected in	Human stomach tissue
Positive IHC detected in	Human stomach cancer tissue, human stomach tissue, mouse liver tissue, mouse pancreas tissue
Recommended dilution:	WB: 1:50 - 1:200 IHC: 1:25 - 1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4537
GenBank accession number:	BC032820
Gene ID (NCBI):	7032
Full name:	Trefoil factor 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.