

For Research Use Only

Trefoil factor 3 Polyclonal antibody

Catalog Number: 23277-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 23277-1-AP	GenBank Accession Number: BC017859	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 7033	Recommended Dilutions: IHC 1:400-1:1600
Source: Rabbit	Full Name: trefoil factor 3 (intestinal)	
Isotype: IgG	Calculated MW: 80 aa, 9 kDa	
Immunogen Catalog Number: AG9543		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human colon tissue, human small intestine tissue
Cited Applications: IHC, WB	
Species Specificity: human	
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Trefoil factor 3 (TFF3) belongs to the TFF-domain peptide family which consists of three small secreted proteins (TFF1, TFF2, TFF3) that are expressed by mucous-secreting epithelia. TFF3 is a major constituent in the goblet cells in small and large intestines, especially a typical secretory peptide of the normal human antral and pyloric gastric mucosa. TFF3 is essential in regulating cell migration and maintaining normal GI mucosal integrity. TFF3 has been reported to be overexpressed at the gene and the protein level in human neoplasms such as prostate, breast, and colon cancer. TFF3 is involved in tumor cell scattering, angiogenesis, and invasion.

Notable Publications

Author	Pubmed ID	Journal	Application
Buqing Ye	32449550	EMBO J	WB
Zhuo Zhang	31362594	J Histotechnol	WB
Wen-Cheng Chung	31276933	Neoplasia	WB,IHC

Storage

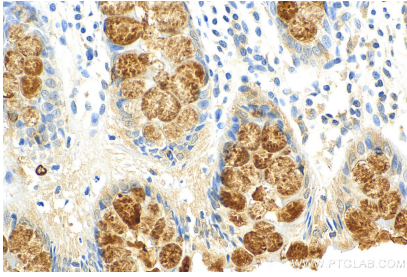
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

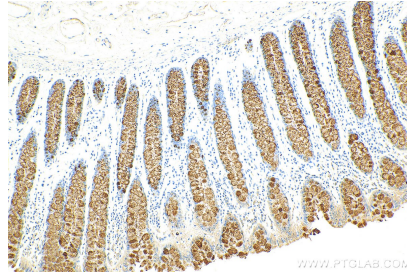
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 23277-1-AP (Trefoil factor 3 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 23277-1-AP (Trefoil factor 3 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).