

For Research Use Only

CoraLite® Plus 488-conjugated TFF2 Polyclonal antibody



Catalog Number: **CL488-13681**

Basic Information

Catalog Number: CL488-13681	GenBank Accession Number: BC032820	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7032	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: trefoil factor 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 129 aa, 14 kDa	
Immunogen Catalog Number: AG4537	Observed MW: 18-20 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : mouse stomach tissue,
Species Specificity: human, mouse	

Background Information

The trefoil factor family (TFF), comprises of three polypeptides, TFF1, TFF2 and TFF3 (7-12 kDa), 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. We got a 18-20 kDa band in western blotting maybe due to glycosylation, and mature TFF2 is a 12 kDa protein (PMID: 10716671).

Storage

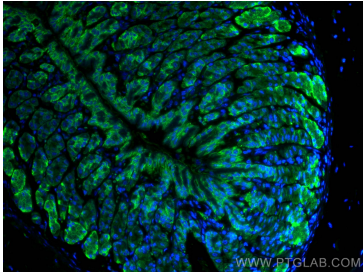
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse stomach tissue using Coralite® Plus 488 TFF2 antibody (CL488-13681) at dilution of 1:200.