À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TFF2

Numéro de catalogue:13681-1-AP 38 Publications

Informations de base

Numéro de catalogue:
13681-1-AP

Taille:
150ul , Concentration: 400 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG4537

Numéro d'acquisition GenBank:
BC032820

Identification du gène (NCBI):
7032

Nom complet:
trefoil factor 2

MW calculé
129 aa, 14 kDa

MW observés:
18-20 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:200-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, souris, Gerbille

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu d'estomac humain, échantillon d'urine humaine

IP : tissu d'estomac de souris,

IHC : tissu d'estomac humain, tissu de cancer de l'estomac humain, tissu d'estomac de souris, tissu d'intestin grêle de souris

IF : tissu d'estomac de souris, cellules PC-3

Informations générales

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 botting maybe due to glycosylatation, and mature TFF2 is a 12 kDa protein (PMID: 10716671).

Publications notables

Autrice	Pubmed ID	Journal	Application
Massimo Rugge	33004294	Dig Liver Dis	IHC
Valentina Angerilli	34537878	Virchows Arch	IHC
Tetsuya Yokoyama	28936122	J Inflamm (Lond)	IHC

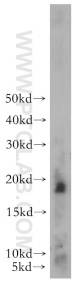
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

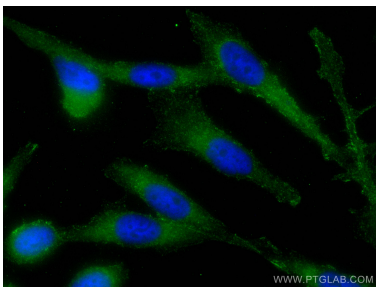
***** Les 20ul contiennent 0,1% de BSA.**

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

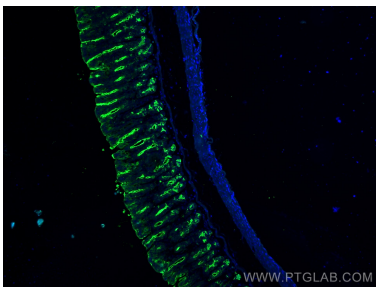
Données de validation sélectionnées



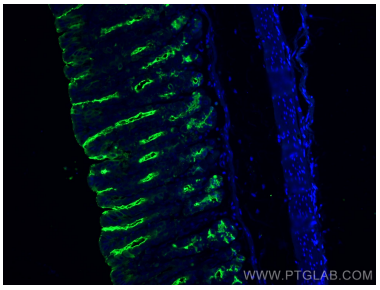
human stomach tissue were subjected to SDS PAGE followed by western blot with 13681-1-AP (TFF2 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.



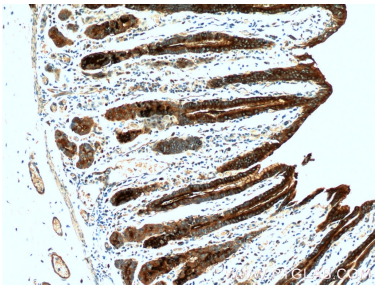
Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using TFF2 antibody (13681-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



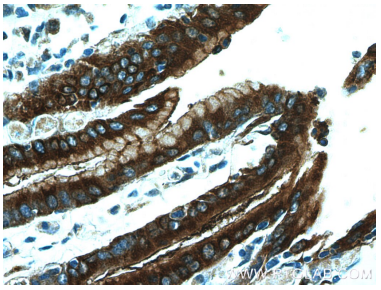
Immunofluorescent analysis of (4% PFA) fixed mouse stomach tissue using TFF2 antibody (13681-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



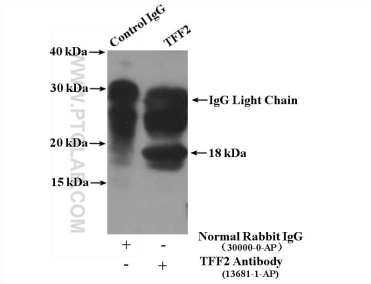
Immunofluorescent analysis of (4% PFA) fixed mouse stomach tissue using TFF2 antibody (13681-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 13681-1-AP (TFF2 Antibody) at dilution of 1:1000 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 13681-1-AP (TFF2 Antibody) at dilution of 1:1000 (under 40x lens).



IP Result of anti-TFF2 (IP:13681-1-AP, 4ug; Detection:13681-1-AP 1:600) with mouse stomach tissue lysate 4000ug.