

ARG66153 anti-TFF2 / Spasmolytic Polypeptide antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes TFF2 / Spasmolytic Polypeptide
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TFF2 / Spasmolytic Polypeptide
Species	Human
Immunogen	E. coli derived recombinant Human TFF2 / Spasmolytic Polypeptide. (AEKPSPCQCS RLSPHNRTNC GFPGITSDQC FDNGCCFDSS VTGVPWCFHP LPKQESDQCV MEVSDRRNCG YPGISPEECA SRKCCFSNFI FEVPWCFFPK SVEDCHY)
Conjugation	Biotin
Alternate Names	Trefoil factor 2; Spasmolysin; SP; SML1; Spasmolytic polypeptide

Application Instructions

Application table	Application	Dilution
	ELISA	Direct: ~ 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66152 as a capture antibody
	WB	0.1 - 0.2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 7032 Human](#)
[Swiss-port # Q03403 Human](#)

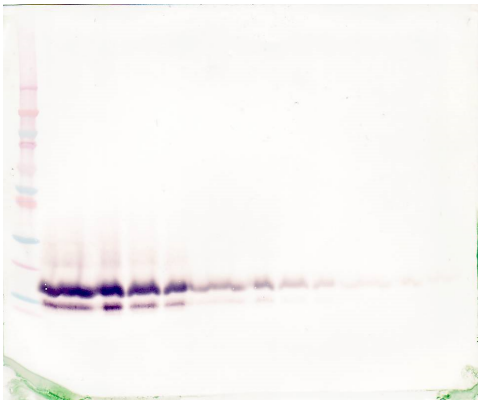
Gene Symbol TFF2
Gene Full Name trefoil factor 2

Background Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer and affect healing of the epithelium. The encoded protein inhibits gastric acid secretion. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq, Jul 2008]

Function Inhibits gastrointestinal motility and gastric acid secretion. Could function as a structural component of gastric mucus, possibly by stabilizing glycoproteins in the mucus gel through interactions with carbohydrate side chains (By similarity). [UniProt]

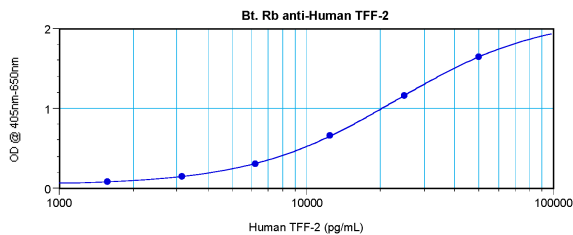
Calculated Mw 14 kDa

Images



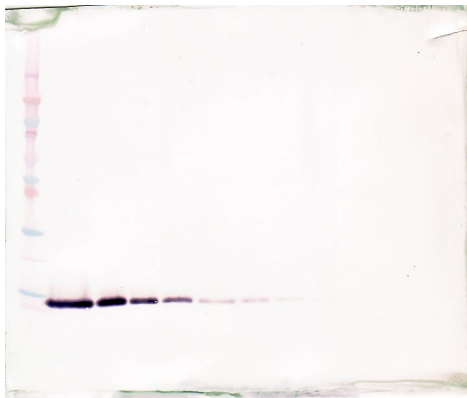
ARG66153 anti-TFF2 / Spasmolytic Polypeptide antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Human TFF-2 stained with ARG66153 anti-TFF2 / Spasmolytic Polypeptide antibody (Biotin), under non-reducing conditions.



ARG66153 anti-TFF2 / Spasmolytic Polypeptide antibody (Biotin) standard curve image

Direct ELISA: ARG66153 anti-TFF2 / Spasmolytic Polypeptide antibody (Biotin) at ~ 1.0 µg/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66153 anti-TFF2 / Spasmolytic Polypeptide antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Human TFF-2 stained with ARG66153 anti-TFF2 / Spasmolytic Polypeptide antibody (Biotin), under reducing conditions.