

ARG66152 anti-TFF2 / Spasmolytic Polypeptide antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TFF2 / Spasmolytic Polypeptide
Tested Reactivity	Hu
Tested Application	ELISA, IHC-P, 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	Un-conjugated
Alternate Names	Trefoil factor 2; Spasmolysin; SP; SML1; Spasmolytic polypeptide

Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG66153 as a detection antibody
	IHC-P	0.25 µg/ml
	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.	

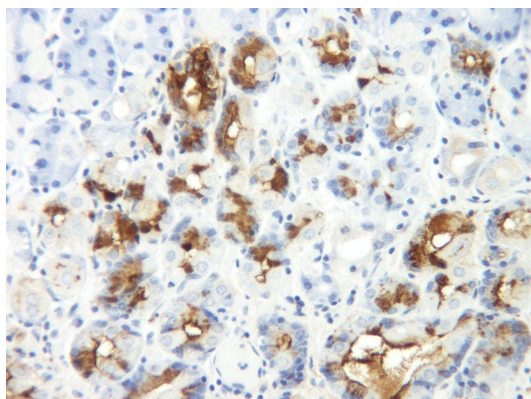
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. 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

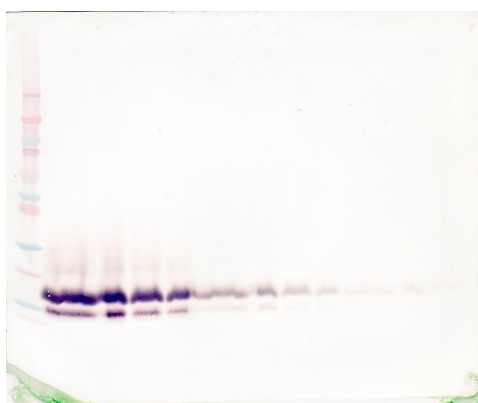
Database links	GeneID: 7032 Human Swiss-port # Q03403 Human
Gene Symbol	TFF2
Gene Full Name	trefoil factor 2
Background	Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory 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



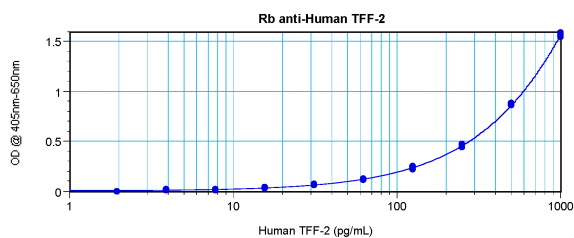
ARG66152 anti-TFF2 / Spasmolytic Polypeptide antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded sections of Human normal gastric mucosa. The recommended ARG66152 anti-TFF2 / Spasmolytic Polypeptide antibody concentration is 0.25 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen.



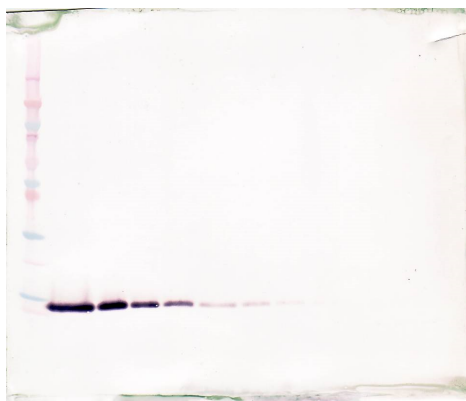
ARG66152 anti-TFF2 / Spasmolytic Polypeptide antibody WB image

Western blot: 250 - 0.24 ng of Human TFF-2 stained with ARG66152 anti-TFF2 / Spasmolytic Polypeptide antibody, under non-reducing conditions.



ARG66152 anti-TFF2 / Spasmolytic Polypeptide antibody standard curve image

Sandwich ELISA: ARG66152 anti-TFF2 / Spasmolytic Polypeptide antibody as a capture antibody at 0.5 - 2.0 µg/ml combined with ARG66153 anti-TFF2 / Spasmolytic Polypeptide antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66152 anti-TFF2 / Spasmolytic Polypeptide antibody WB image

Western blot: 250 - 0.24 ng of Human TFF-2 stained with ARG66152 anti-TFF2 / Spasmolytic Polypeptide antibody, under reducing conditions.