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TFF2 Rabbit pAb

Catalog # AP98824

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q03403
Other Accession	Q03403
Reactivity	Human, Mouse
Predicted	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14284
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TFF2
Epitope Specificity	31-100/129
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 2 P-type (trefoil) domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	7032
Other Names	SML1; SP; mSP; TFF2_HUMAN; TFF2; Spasmolysin; Spasmolytic polypeptide (SP); TFF2_MOUSE; TFF2_RAT; trefoil factor 2; spasmolytic protein 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TFF2
Synonyms	SML1
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).
Cellular Location	Secreted.
Tissue Location	Stomach.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.