

TFF2 Rabbit pAb

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Catalog # AP94360

Product Information

Application	WB
Primary Accession	Q03404
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14172
Physical State	Liquid
Immunogen	Recombinant Mouse TFF2 protein
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
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

Other Names	Trefoil factor 2, Spasmolytic polypeptide, SP, Tff2, Sml1, Sp
Dilution	WB=1:200-1000
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

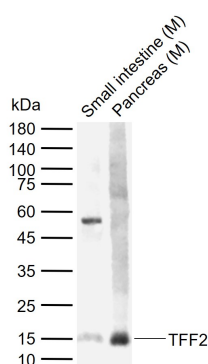
Name	Tff2
Synonyms	Sml1, Sp

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 and pancreas.

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Images



Sample:

Lane 1: Mouse Small intestine tissue lysates

Lane 2: Mouse Pancreas tissue lysates

Primary: Anti-TFF2 (AP94360) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 12-14 kDa

Observed band size: 15 kDa

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