

# TFF2 Rabbit pAb

TFF2 Rabbit pAb  
Catalog # AP94360

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q03404</a>
<b>Reactivity</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	14172
<b>Physical State</b>	Liquid
<b>Immunogen</b>	Recombinant Mouse TFF2 protein
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Secreted.
<b>SIMILARITY</b>	Contains 2 P-type (trefoil) domains.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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

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<b>Other Names</b>	Trefoil factor 2, Spasmolytic polypeptide, SP, Tff2, Sml1, Sp
<b>Target/Specificity</b>	Stomach.
<b>Dilution</b>	WB=1:200-1000,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	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

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<b>Name</b>	Tff2
<b>Synonyms</b>	Sml1, Sp
<b>Function</b>	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).
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	Stomach and pancreas.

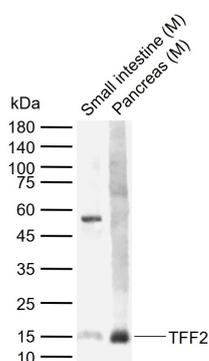
## Background

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## Images

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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'.