

# TFF2 Rabbit pAb

Catalog # AP98824

## Product Information

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| <b>Application</b>             | IHC-P, IHC-F, IF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Primary Accession</b>       | <a href="#">Q03403</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Other Accession</b>         | <a href="#">Q03403</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Calculated MW</b>           | 14284                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human TFF2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Epitope Specificity</b>     | 31-100/129                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <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>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>Gene ID</b>     | 7032                                                                                                                                                                                            |
| <b>Other Names</b> | SML1; SP; mSP; TFF2_HUMAN; TFF2; Spasmolysin; Spasmolytic polypeptide (SP); TFF2_MOUSE; TFF2_RAT; trefoil factor 2; spasmolytic protein 1                                                       |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500                                                                                                                                                    |
| <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 |
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| <b>Synonyms</b>          | SML1                                                                                                                                                                                                                                                 |
| <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.                                                                                                                                                                                                                                             |

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