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TFF-2/Spasmolysin Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11059

Specification

TFF-2/Spasmolysin Antibody - Product Information

Application	**WB**
Primary Accession	Q03403
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**14284**

TFF-2/Spasmolysin Antibody - Additional Information

Gene ID 7032

Application & Usage	**Western blot analysis (0.5-2 µg/ml). Per researchers feedback, it can also be used in ELISA (2-3 µg/ml) and neutralization (3-6 µg/ml). However, the optimal conditions should be determined individually.**

Other Names
TFF-2, TFF 2, TFF2, trefoil factor 2, Spasmolytic polypeptide, SP, Spasmolysin

Target/Specificity
TFF-2

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.5 mg/ml) affinity purified rabbit anti-human TFF-2 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
TFF-2/Spasmolysin Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

TFF-2/Spasmolysin Antibody - 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.

TFF-2/Spasmolysin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TFF-2/Spasmolysin Antibody - Images

TFF-2/Spasmolysin Antibody - Background

The Trefoil Factor peptides (TFF1, TFF2 and TFF3) are expressed in the gastrointestinal tract, and appear to play an important role in intestinal mucosal defense and repair. TFF2 has been shown to inhibit gastrointestinal motility and gastric acid secretion. Recent data s µggests a potential role for TFF2 in acute and chronic asthma. Human TFF2 is a 12.0 kDa polypeptide of 106 amino acid residues.