

TFF-2/Spasmodysin Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11059**Specification**

TFF-2/Spasmodysin Antibody - Product Information

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

TFF-2/Spasmodysin 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, Spasmodytic polypeptide, SP, Spasmodysin

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/Spasmodysin Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

TFF-2/Spasmodolysin 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/Spasmodolysin 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 Cytometry](#)
- [Cell Culture](#)

TFF-2/Spasmodolysin Antibody - Images

TFF-2/Spasmodolysin 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 suggests a potential role for TFF2 in acute and chronic asthma. Human TFF2 is a 12.0 kDa polypeptide of 106 amino acid residues.