

Product datasheet for **AP31836PU-S**

Spasmolytic Polypeptide (TFF2) Rabbit Polyclonal Antibody

Product data:

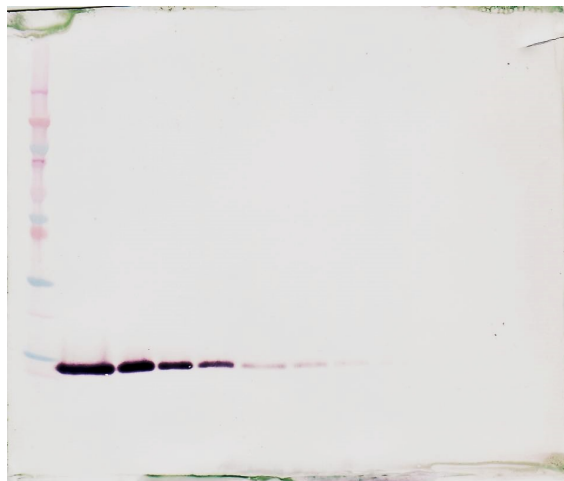
Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure E.coli derived Recombinant Human Trefoil Factor 2
Specificity:	Recognizes TFF-2
Formulation:	PBS, pH 7.2 without preservatives State: Aff - Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography employing an immobilized Human TFF-2 matrix.
Conjugation:	Unconjugated
Storage:	Store the antibody prior to reconstitution at -20°C for one year. Following reconstitution the antibody can be stored at 2-8°C for 2 weeks. Avoid repeated freezing and thawing.
Gene Name:	trefoil factor 2
Database Link:	Entrez Gene 7032 Human Q03403
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 (Nikolaidis, N.M. et al. Am. Journal Respir. Cell Mol. Biol. (2003) 4: 458-464).
Synonyms:	TFF2, Spasmolytic polypeptide, SP, Spasmodysin
Note:	Centrifuge vial prior to opening!



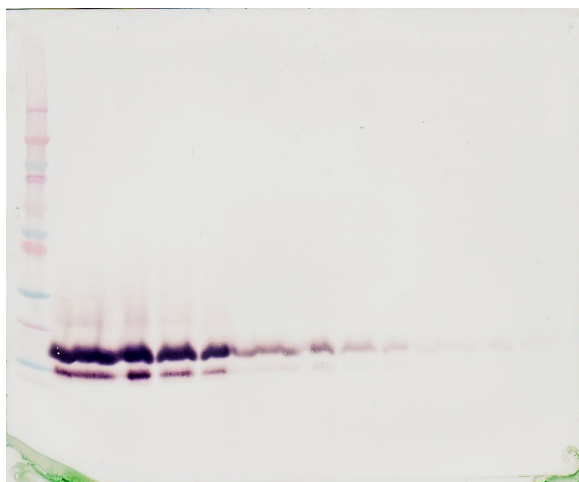
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Protein Families: Druggable Genome, Secreted Protein

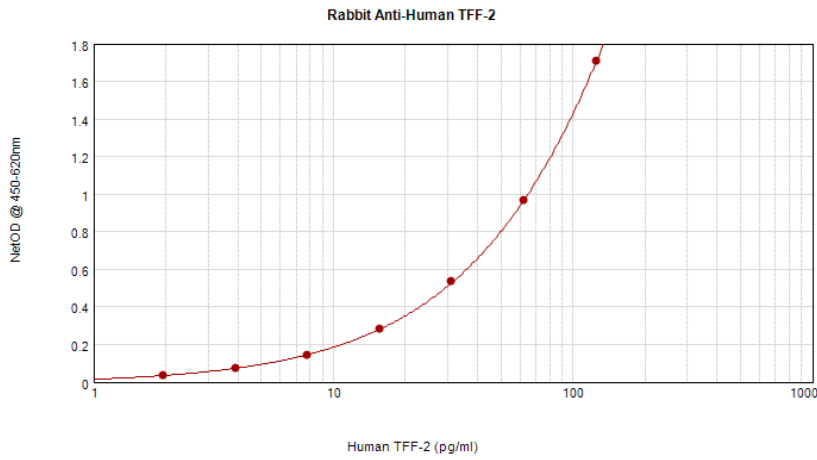
Product images:



To detect Human TFF-2 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 $\mu\text{g/ml}$. When used in conjunction with compatible secondary reagents the detection limit for recombinant Human TFF-2 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.



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To detect Human TFF-2 by sandwich ELISA (using 100µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human TFF-2 as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human TFF-2.