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Product datasheet for AP31836BT-N

Spasmolytic Polypeptide (TFF2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	**Direct ELISA:** To detect Human TFF-2 by Direct ELISA (using 100 µl/well) a concentration of approximately 1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody allows the detection of at least 0.2–0.4 ng/well of recombinant Human TFF-2. **Sandwich ELISA:** To detect Human TFF-2 by Sandwich ELISA (using 100 µl/well) a concentration of 0.25–1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Anti-Human TFF-2 (Cat.-No AP31836PU-N/S) as a capture antibody, allows the detection of at least 0.2–0.4 ng/well of recombinant Human TFF-2. **Western Blot:**To detect Human TFF-2 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. When used in conjunction with compatible development reagents the detection limit for recombinant Human TFF-2 is 1.5–3.0 ng/lane, under either reducing or non-reducing conditions.
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 Label: Biotin State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography
Conjugation:	Biotin
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

View online »

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Database Link: Entrez Gene 7032 Human
Q03403

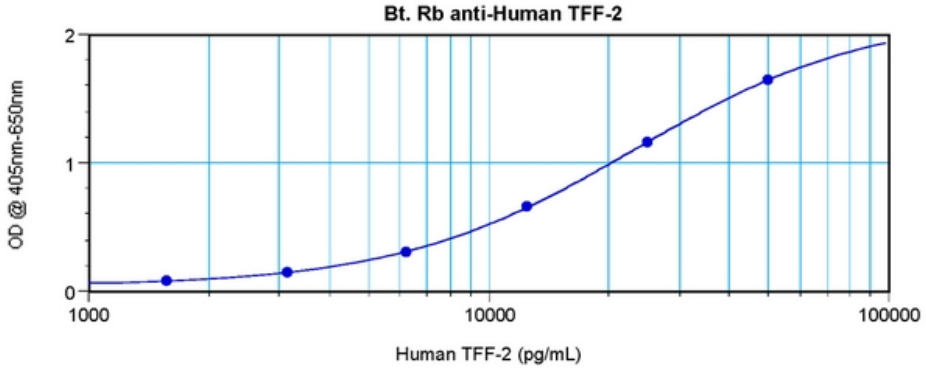
Background: The Trefoil Factor peptides (TFF1, TFF2 and TFF3) are expressed in the gastrointestinal tract, and appear to play an important role in intestinal mucosal defense and repair. TFF2 has been shown to inhibit gastrointestinal motility and gastric acid secretion. Recent data suggests a potential 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, Spasmolysin

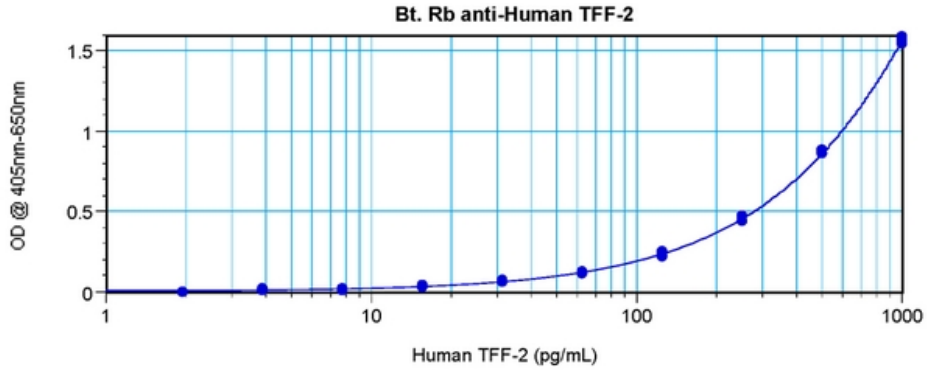
Note: Centrifuge vial prior to opening!

Protein Families: Druggable Genome, Secreted Protein

Product images:



Direct ELISA using Biotin conjugated Rabbit anti-Human TFF-2 antibody



Sandwich ELISA using Biotin conjugated Rabbit anti-Human TTF-2 antibody

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