

Product datasheet for **TA388945**

TFF2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Sandwich ELISA: To detect Human TFF-2 by sandwich ELISA (using 100ul/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 ProSci's 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. 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 secondary 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:	Produced from sera of rabbits immunized with highly pure recombinant Human TFF-2. Anti-Human TFF-2 specific antibody was purified by affinity chromatography employing an immobilized Human TFF-2 matrix.
Concentration:	lot specific
Purification:	TFF-2 specific antibody was purified by affinity chromatography employing an immobilized Human TFF-2 matrix
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Database Link:	Q03403



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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). Recombinant Human TFF-2 is a 12.0 kDa polypeptide of 107 amino acid residues, which includes a 40-amino acid trefoil motif containing three conserved intramolecular disulfide bonds.