

## Product datasheet for **TA319717**

### Trefoil Factor 3 (TFF3) Rabbit Polyclonal Antibody

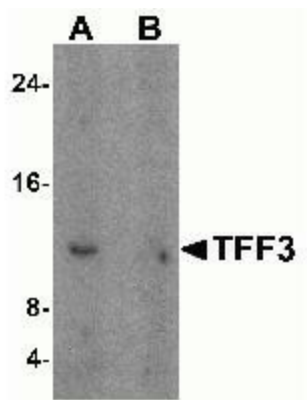
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TFF3 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human TFF3. The immunogen is located within the last 50 amino acids of TFF3.
Formulation:	TFF3 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TFF3 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	trefoil factor 3
Database Link:	<a href="#">NP_003217</a> <a href="#">Entrez Gene 21786 Mouse</a> <a href="#">Entrez Gene 25563 Rat</a> <a href="#">Entrez Gene 7033 Human</a> <a href="#">Q07654</a>
Background:	TFF3 Antibody: Trefoil peptides are protease resistant molecules secreted throughout the gut that play a role in mucosal healing. Trefoil peptides contain three intrachain disulfide bonds, forming the trefoil motif, or P-domain and clustered in human chromosome 21q22.3. Trefoil Factor 3 (TFF3) is one of three trefoil peptides secreted by epithelial cells that line mucus membranes in the large and small intestines and lower respiratory tract. TFF3 is mainly active as a disulfide-linked homodimer and may have a role in promoting cell migration in healing processes. It is involved in the maintenance and repair of the intestinal mucosa.
Synonyms:	ITF; P1B; TFI
Protein Families:	Secreted Protein

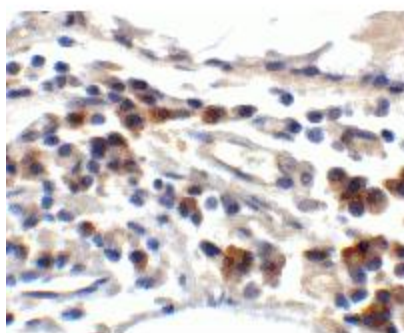


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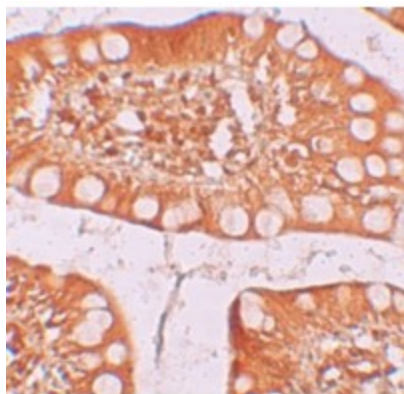
## Product images:



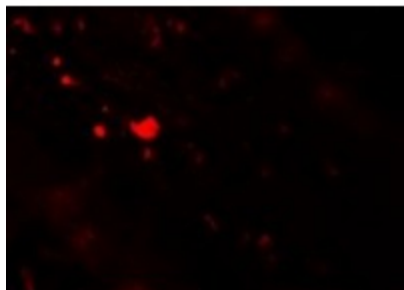
Western blot analysis of TFF3 in human colon tissue lysate with TFF3 antibody at 1ug/ml in (A) the absence and (B) the presence of blocking peptide.



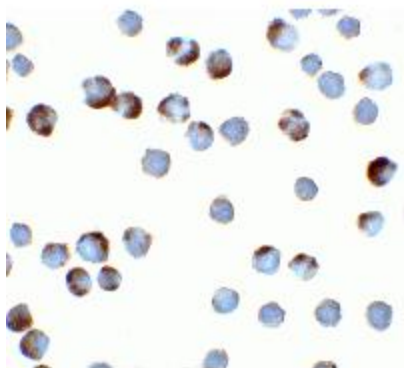
Immunohistochemistry of TFF3 in human small intestine tissue with TFF3 antibody at 2ug/ml.



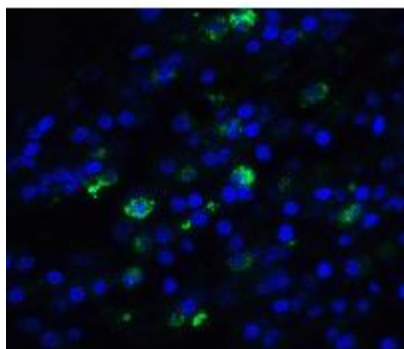
Immunohistochemistry of TFF3 in human small intestine tissue with TFF3 antibody at 2.5ug/ml.



Immunofluorescence of TFF3 in Human Small Intestine tissue with TFF3 antibody at 20ug/ml.



Immunocytochemistry of TFF3 in HeLa cells with TFF3 antibody at 2ug/ml.



Immunofluorescence of TFF3 in human small intestine tissue with TFF3 antibody at 20ug/ml.