

## TFF3 Antibody

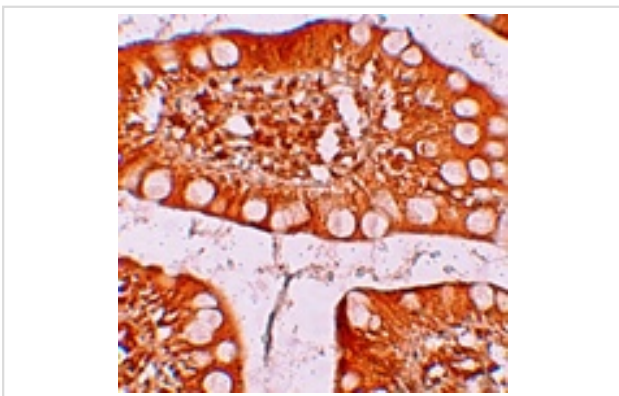
Catalog No: #25240

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

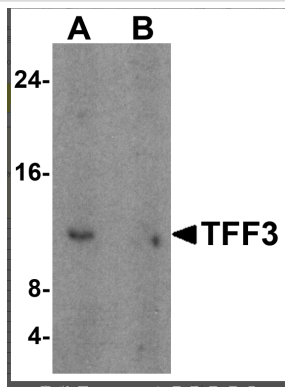
## Description

Product Name	TFF3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	WB;IHC;IF/ICC
Species Reactivity	Hu Ms Rt
Specificity	TFF3 antibody is predicted to not cross-react with other TFF family members.
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the carboxy terminus of human TFF3.
Target Name	TFF3
Other Names	Trefoil factor 3, Intestinal trefoil factor, ITF, P1B
Accession No.	Swiss-Prot:Q07654Gene ID:7033
Uniprot	Q07654
GeneID	7033;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

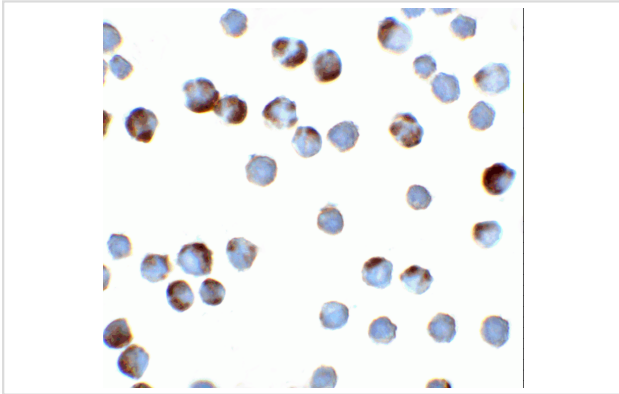
## Images



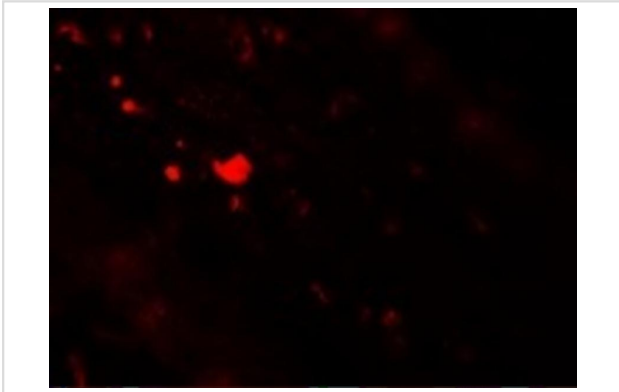
Immunohistochemistry of TFF3 in human small intestine tissue with TFF3 antibody at 2.5 ug/mL.



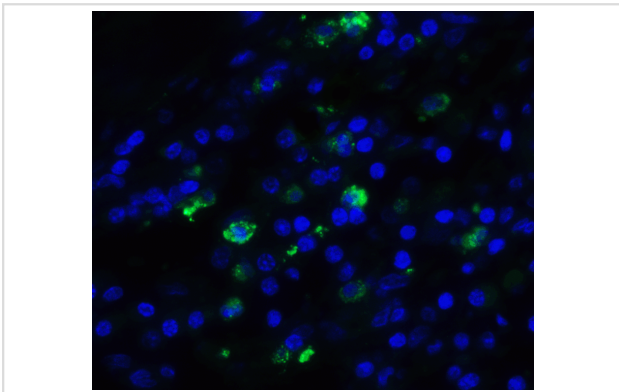
Western blot analysis of TFF3 in human colon tissue lysate with TFF3 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



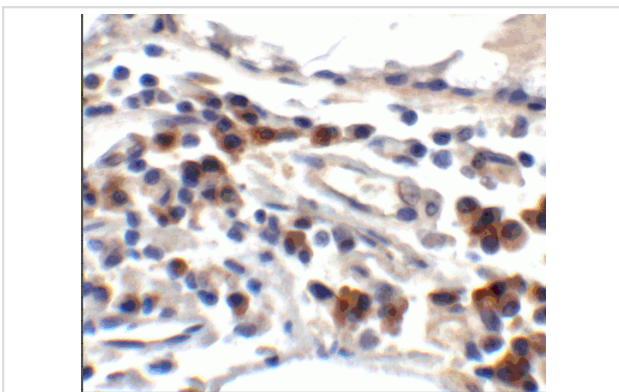
Immunocytochemistry of TFF3 in HeLa cells with TFF3 antibody at 2 ug/ml.



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



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



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

## Background

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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.

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Note: This product is for in vitro research use only