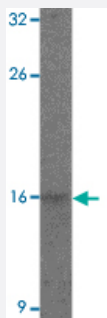


# TFF3 polyclonal antibody

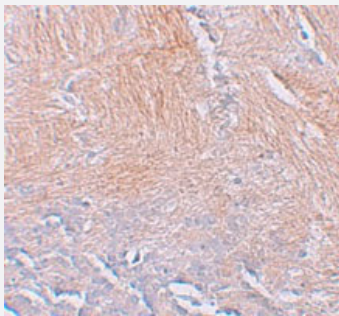
Catalog # PAB19439      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of TFF3 in rat small intestine tissue lysate with TFF3 polyclonal antibody (Cat # PAB19439) at 2 ug/mL.



### Immunohistochemistry

Immunohistochemical staining of human brain cells with TFF3 polyclonal antibody (Cat # PAB19439) at 2.5 ug/mL.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of TFF3.
<b>Immunogen</b>	A synthetic peptide corresponding to 16 amino acids near C-terminus of human TFF3.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	TFF3 antibody is predicted to not cross-react with other TFF family members.
<b>Form</b>	Liquid
<b>Purification</b>	Peptide affinity purification

Concentration	1 mg/mL
Recommend Usage	Western Blot (2 ug/mL) Immunohistochemistry (2.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

Western blot analysis of TFF3 in rat small intestine tissue lysate with TFF3 polyclonal antibody (Cat # PAB19439) at 2 ug/mL.

- Immunohistochemistry

Immunohistochemical staining of human brain cells with TFF3 polyclonal antibody (Cat # PAB19439) at 2.5 ug/mL.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — TFF3

Entrez GeneID	<a href="#">7033</a>
Protein Accession#	<a href="#">NP_003217</a>
Gene Name	TFF3
Gene Alias	HITF, ITF, TFI, hP1.B
Gene Description	trefoil factor 3 (intestinal)
Omim ID	<a href="#">600633</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their functions are not defined, but they may protect the mucosa from insults, stabilize the mucus layer and affect healing of the epithelium. This gene is expressed in goblet cells of the intestines and colon. This gene and two other related trefoil family member genes are found in a cluster on chromosome 21. [provided by RefSeq]

**Other Designations**

intestinal trefoil factor|secretory protein|trefoil factor 3|trefoil factor 3, HITF, human intestinal trefoil factor

**Publication Reference**

- [Differential regional and cellular distribution of TFF3 peptide in the human brain.](#)

Bernstein HG, Dobrowolny H, Trubner K, Steiner J, Bogerts B, Hoffmann W.

Amino Acids 2015 May; 47(5):1053.

Application: IHC, Human, Brains

- [Nrf2 Is Involved in Maintaining Hepatocyte Identity during Liver Regeneration.](#)

Zou Y, Lee J, Nambiar SM, Hu M, Rui W, Bao Q, Chan JY, Dai G.

PLoS One 2014 Sep; 9(9):e107423.

Application: IHC-P, Mouse, Liver

**Disease**

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)