10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TFF3 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF4057a

Specification

TFF3 Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q07654
Other Accession	NP_003217.3, 7033
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**8641**

TFF3 Antibody (internal region) - Additional Information

Gene ID 7033

Other Names
Trefoil factor 3, Intestinal trefoil factor, hITF, Polypeptide P1.B, hP1.B, TFF3, ITF, TFI

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TFF3 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

TFF3 Antibody (internal region) - Protein Information

Name TFF3

Synonyms ITF, TFI

Function
Involved in the maintenance and repair of the intestinal mucosa. Promotes the mobility of epithelial cells in healing processes (motogen).

Cellular Location
Secreted, extracellular space, extracellular matrix. Cytoplasm

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

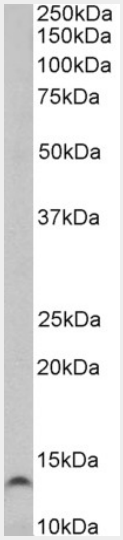
Tissue Location
Expressed in goblet cells of the intestines and colon (at protein level). Expressed by goblet cells of small and large intestinal epithelia and also by the uterus. Also expressed in the hypothalamus where it is detected in paraventricular, periventricular and supraoptic nuclei (at protein level).

TFF3 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TFF3 Antibody (internal region) - Images



AF4057a (1 µg/ml) staining of Colon cancer lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

TFF3 Antibody (internal region) - References

Differential expression of gastric MUC5AC in colonic epithelial cells: TFF3-wired IL1 ?/Akt crosstalk-induced mucosal immune response against Shigella dysenteriae infection. Raja SB, Murali MR, Devaraj H, Devaraj SN. Journal of cell science 2012 Feb 125 (Pt 3): 703-13. PMID: 22389405