

ARG40983 anti-TFF3 / Trefoil factor 3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TFF3 / Trefoil factor 3
Tested Reactivity	Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TFF3 / Trefoil factor 3
Species	Mouse
Immunogen	Recombinant protein corresponding to A23-F81 of Mouse TFF3 / Trefoil factor 3.
Conjugation	Un-conjugated
Alternate Names	P1B; TFI; ITF; Trefoil factor 3; Intestinal trefoil factor; hITF; hP1.B; Polypeptide P1.B

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:1000
	WB	1:500 - 1:2000
Application Note	<p>IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

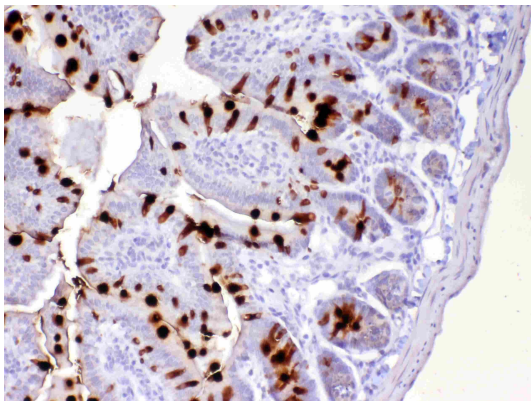
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

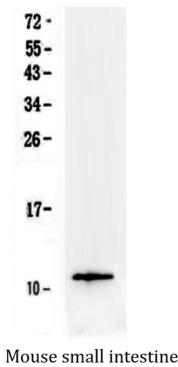
Gene Symbol	TFF3
Gene Full Name	trefoil factor 3 (intestinal)
Background	Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal 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, Jul 2008]
Function	Involved in the maintenance and repair of the intestinal mucosa. Promotes the mobility of epithelial cells in healing processes (motogen). [UniProt]
Calculated Mw	10 kDa
Cellular Localization	Secreted, extracellular space, extracellular matrix. Cytoplasm. [UniProt]

Images



ARG40983 anti-TFF3 / Trefoil factor 3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse small intestine tissue. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG40983 anti-TFF3 / Trefoil factor 3 antibody at 1 µg/ml dilution, overnight at 4°C.



ARG40983 anti-TFF3 / Trefoil factor 3 antibody WB image

Western blot: 50 µg of samples under reducing conditions. Mouse small intestine tissue lysate stained with ARG40983 anti-TFF3 / Trefoil factor 3 antibody at 0.5 µg/ml, overnight at 4°C.