Trefoil Factor 3 (TFF3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Trefoil Factor 3 (TFF3), Polyclonal Antibody
Full Product Name	APC/CY7-Linked Polyclonal Antibody to Trefoil Factor 3, Intestinal (TFF3)
Product Gene Name	anti-TFF3 antibody
Product Synonym Names	HITF; ITF3; TFI; HP1.B
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse, Rat
Concentration	>=100ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: TFF3 (MBS2005950) APC-CY7 Conjugated Antibody: TFF3 (MBS2057635)
Matching Pairs	APC-CY7 Conjugated Antibody: TFF3 (MBS2057635) Immunogen: TFF3 (MBS2009605)
Molecular Weight	8,641 Da
OMIM	L15203 mRNA
3D Structure	ModBase 3D Structure for Q07654
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	TFF3 (Gln23~Phe81)
Conjugation	APC-Cy7
Cross Reactivity	Rat
Unconjugated Antibody	The unconjugated antibody version of this item is also available as catalog #MBS2005950
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-TFF3 antibody	Western Blot (WB), Immunocytochemistry (ICC), Immunohistochemistry (IHC) Formalin/Paraffin, ELISA (ELISA)
Related Product Information for anti-TFF3 antibody	MBS2057635 is an antibody targeting TFF3. Also known as APC/CY7-Linked Polyclonal Antibody to Trefoil Factor 3, Intestinal (TFF3). Reactive in Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-TFF3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TFF3. It may not necessarily be applicable to this product.

NCBI GI #	281485608
NCBI GeneID	7033
NCBI Accession #	NP_003217.3

UniProt Primary Accession #	Q07654
UniProt Secondary Accession #	Q96NX0; Q9UDA5; E9PBB5
UniProt Related Accession #	Q07654
GenBank Nucleotide #	NM_003226.3
NCBI Official Full Name	trefoil factor 3
NCBI Official Synonym Full Names	trefoil factor 3
NCBI Official Symbol	TFF3
NCBI Official Synonym Symbols	ITF; P1B; TFI
UniProt Protein Name	Trefoil factor 3
UniProt Synonym Protein Names	Intestinal trefoil factor; hITF; Polypeptide P1.B; hP1.B
Protein Family	Trefoil factor
UniProt Gene Name	TFF3
UniProt Synonym Gene Names	ITF; TFI; hITF; hP1.B
NCBI Protein Information	trefoil factor 3
NCBI Summary for TFF3	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]
UniProt Comments for TFF3	TFF3: Involved in the maintenance and repair of the intestinal mucosa. Promotes the mobility of epithelial cells in healing processes (motogen). Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 21q22.3 Cellular Component: extracellular region; extracellular space Molecular Function: protein binding Biological Process: defense response; digestion; wound healing
Research Articles on TFF3	**1.** TFF3 protein knockout can facilitate apoptosis of human pituitary adenoma HP75 cells via mitochondrial pathway
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