TFF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TFF1, Polyclonal Antibody
Full Product Name	TFF1 Antibody
Product Gene Name	anti-TFF1 antibody
Product Synonym Names	Affinity Purified Rabbit Polyclonal TFF1 Antibody; Polyclonal TFF1 antibody; Anti-TFF1 antibody; pS2 antibody; TFF1; Trefoil Factor 1 antibody; TFF-1; TFF 1; D21S21 antibody; BCEI antibody; TFF-1 antibody; TFF 1 antibody; HPS2 antibody; HP1.A antibody; pNR-2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Lyophilized Form
Purity/Purification	Affinity Chromatography
Preparation and Storage	Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C. Avoid repeated freeze/thaw cycles.
OMIM	113710
3D Structure	ModBase 3D Structure for P04155
Immunogen	TFF1 antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence in the middle region of human TFF1 as the immunogen
Product Categories/Family for anti-TFF1 antibody	Cytokines & Growth Factors
Applications Tested/Suitable for anti-TFF1 antibody	Western Blot (WB), Immunohistochemistry (IHC) Paraffin
Related Product Information for anti-TFF1 antibody	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.
Other Notes	Small volumes of anti-TFF1 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.
Searchable Terms for TFF1 purchase	MBS5312982 is an antibody targeting TFF1. Also known as TFF1 Antibody. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TFF1. It may not necessarily be applicable to this product.

NCBI GI #	4507451
NCBI GeneID	7031
UniProt Primary Accession #	P04155
UniProt Related Accession #	P04155
GenBank Nucleotide #	NP_003216.1

NCBI Official Full Name	trefoil factor 1
NCBI Official Synonym Full Names	trefoil factor 1
NCBI Official Symbol	TFF1
NCBI Official Synonym Symbols	pS2; BCEI; HPS2; HP1.A; pNR-2; D21S21
UniProt Protein Name	Trefoil factor 1
UniProt Synonym Protein Names	Breast cancer estrogen-inducible protein; PNR-2; Polypeptide P1.A; hP1.A; Protein pS2
Protein Family	Trefoil factor
UniProt Gene Name	TFF1
UniProt Synonym Gene Names	BCEI; PS2; hP1.A
UniProt Entry Name	TFF1_HUMAN
NCBI Protein Information	trefoil factor 1
NCBI Summary for TFF1	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, which is expressed in the gastric mucosa, has also been studied because of its expression in human tumors. 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 TFF1	TFF1: Stabilizer of the mucous gel overlying the gastrointestinal mucosa that provides a physical barrier against various noxious agents. May inhibit the growth of calcium oxalate crystals in urine. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 21q22.3 Cellular Component: extracellular space Molecular Function: protein binding; growth factor activity Biological Process: negative regulation of cell proliferation; response to peptide hormone stimulus; maintenance of gastrointestinal epithelium; digestion; carbohydrate metabolic process; cell differentiation; response to iron ion; response to estradiol stimulus
Research Articles on TFF1	**1.** This study indicates that the acquisition of TFF1 expression is an early event in pancreatic carcinogenesis and that TFF1 might act as a tumor suppressor to prevent EMT and the invasive transformation of PanIN.
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