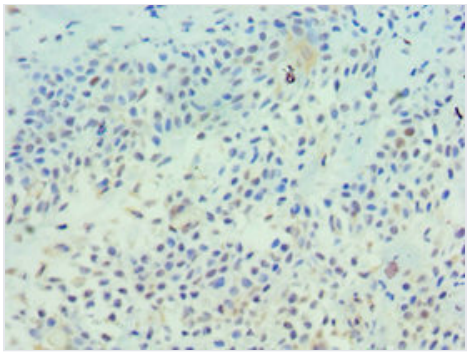
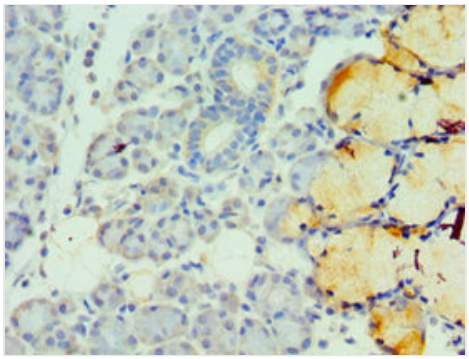
Trefoil Factor 1 (TFF1) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Trefoil factor 1 (TFF1), Polyclonal Antibody
Full Product Name	Rabbit anti-human Trefoil factor 1 polyclonal Antibody(TFF1)
Product Gene Name	anti-TFF1 antibody
Product Synonym Names	Breast cancer estrogen-inducible protein; PNR-2; Polypeptide P1.A; hP1.A; Protein pS2; TFF1; BCEI; PS2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	9,150 Da
OMIM	113710
3D Structure	ModBase 3D Structure for P04155
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Trefoil factor 1 protein (25-84aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-22501 / sc-7842 / sc-22502 / sc-28925
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TFF1 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-TFF1 antibody	Recommended dilution: IHC:1:20-1:200
Related Product Information for anti-TFF1 antibody	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.
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	MBS1495563 is an antibody targeting TFF1. Also known as Rabbit anti-human Trefoil factor 1 polyclonal Antibody(TFF1). Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-TFF1 antibody
Immunohistochemistry of paraffin-embedded human breast cancer using MBS1495563 at dilution 1:100



Immunohistochemistry (IHC) of anti-TFF1 antibody
Immunohistochemistry of paraffin-embedded human pancreas using MBS1495563 at dilution 1:100

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
NCBI Accession #	NP_003216.1
UniProt Primary Accession #	P04155
UniProt Related Accession #	P04155
GenBank Nucleotide #	NM_003225.2
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: growth factor activity; protein binding Biological Process: carbohydrate metabolic process; cell differentiation; digestion; maintenance of gastrointestinal epithelium; negative regulation of cell proliferation; response to iron ion; response to peptide hormone stimulus
Research Articles on TFF1	**1.** trefoil factor 1 demonstrated breast specificity but was inferior to mammaglobin and GATA protein binding 3
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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