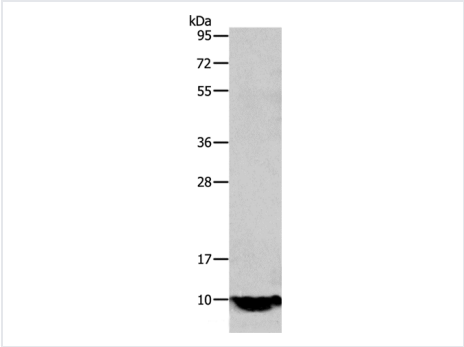
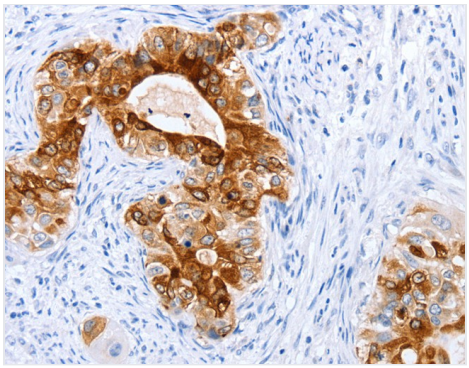
TFF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

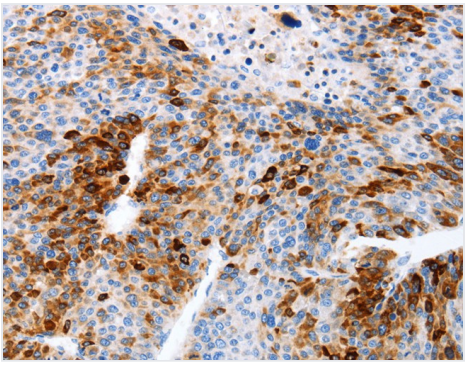
Product Name	TFF1, Polyclonal Antibody
Full Product Name	TFF1 Polyclonal Antibody
Product Gene Name	anti-TFF1 antibody
Product Synonym Names	pS2; BCEI; HPS2; HP1.A; pNR-2; D21S21
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Antigen affinity purification
Concentration	0.6mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.
Molecular Weight	9,150 Da
OMIM	113710
Immunogen	Recombinant protein of human TFF1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Product Categories/Family for anti-TFF1 antibody	Epigenetics
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TFF1 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-TFF1 antibody	WB: 1:500-1:2000 IHC: 1:25-1:100
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. 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.
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	MBS2520005 is an antibody targeting TFF1. Also known as TFF1 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-TFF1 antibody
Western Blot analysis of Mouse intestinum tenue tissue using TFF1 Polyclonal Antibody at dilution of 1:350



Immunohistochemistry (IHC) of anti-TFF1 antibody
Immunohistochemistry of paraffin-embedded Human cervical cancer using TFF1 Polyclonal Antibody at dilution of 1:20



Immunohistochemistry (IHC) of anti-TFF1 antibody
Immunohistochemistry of paraffin-embedded Human liver cancer using TFF1 Polyclonal Antibody at dilution of 1:20

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 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; breast cancer estrogen-inducible protein; breast cancer estrogen-inducible sequence; gastrointestinal trefoil protein pS2; polypeptide P1.A
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; Secreted, signal peptide Chromosomal Location of Human Ortholog: 21q22.3 Cellular Component: extracellular space Molecular Function: protein binding; growth factor activity Biological Process: response to peptide hormone stimulus; negative regulation of cell proliferation; maintenance of gastrointestinal epithelium; carbohydrate metabolic process; digestion; cell differentiation; response to iron ion; response to estradiol stimulus
Research Articles on TFF1	**1.** Determination of TFF1 status might identify patients at different risk for relapse and help in making decision on administering adjuvant therapy for early breast cancer patients during the first 3 years of follow-up.
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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