

Rabbit anti-Rat Estrogen Inducible Protein pS2 Polyclonal Antibody | anti-TFF1 antibody

Anti-Estrogen Inducible Protein pS2 antibody

CATALOG # AAA45016	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Immunohistochemistry, Western Blot
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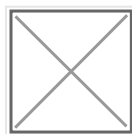
PRODUCT SYNONYMS

Estrogen Inducible Protein pS2; Polyclonal Antibody; Anti-Estrogen Inducible Protein pS2 antibody; Trefoil factor 1; trefoil factor 1; BCEI antibody; Breast cancer estrogen inducible protein antibody; Breast cancer estrogen inducible sequence antibody; Breast cancer estrogen-inducible protein antibody; D21S21 antibody; Gastrointestinal trefoil protein antibody; Gastrointestinal trefoil protein pS2 antibody; hP1.A antibody; HP1A antibody; HPS 2 antibody; HPS2 antibody; pNR 2 antibody; PNR-2 antibody; pNR2 antibody; Polypeptide P1.A antibody; Protein pS2 antibody; PS 2 antibody; pS2 antibody; pS2 protein antibody; TFF 1 antibody; TFF1 antibody; TFF1_HUMAN antibody; Trefoil factor 1 antibody; anti-TFF1 antibody

PRODUCT SPECIFICATIONS

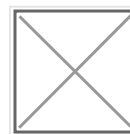
Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized; Contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Sequence Length	87
Applicable Applications for anti-TFF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of mouse TFF1 (59-72aa CCFDSSVRGFPWCF), identical to the related rat sequence.
Reconstitution	0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-Estrogen Inducible Protein pS2 antibody, IHC(P)IHC(P): Rat Intestine Tissue



WB (Western Blot)

Anti-Estrogen Inducible Protein pS2 antibody, Western blottingWB: Rat Stomach Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-TFF1 antibody	TFF1(Trefoil factor 1), also known as pS2, is a protein that in humans is encoded by the TFF1 gene. 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. It is found that TFF1 in normal human urine inhibited the growth of calcium oxalate crystals. Urinary TFF1 showed an inhibitory potency similar to that of nephrocalcin, and inhibition was dose dependent and inhibited by TFF1 antisera, particularly by antisera directed to the TFF1 C terminus. Concentrations and relative amounts of TFF1 in the urine of patients with idiopathic calcium oxalate kidney stones were significantly less than those found in controls. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	585735
NCBI GeneID	21784
UniProt Accession #	Q08423; Q3TVE6
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
NCBI Protein Information	trefoil factor 1; protein pS2
UniProt Protein Name	Trefoil factor 1
UniProt Gene Name	Tff1
UniProt Synonym Gene Names	Bcei; Ps2
UniProt Entry Name	TFF1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.