

ARG40988 anti-pS2 / Trefoil factor 1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes pS2 / Trefoil factor 1
Tested Reactivity	Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	pS2 / Trefoil factor 1
Species	Mouse
Immunogen	Synthetic peptide corresponding to aa. 59-72 of Mouse pS2 / Trefoil factor 1 (CCFDDSVRGFPWCF).
Conjugation	Un-conjugated
Alternate Names	D21S21; pNR-2; Trefoil factor 1; PNR-2; BCEI; hP1.A; HPS2; pS2; Polypeptide P1.A; HP1.A; Protein pS2; Breast cancer estrogen-inducible protein

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:1000
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

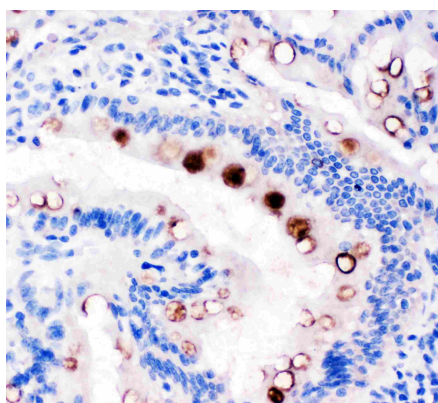
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl, 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

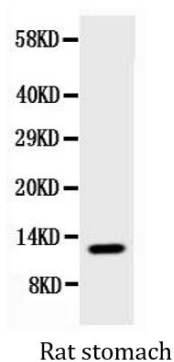
Gene Symbol	TFF1
Gene Full Name	trefoil factor 1
Background	Members of the trefoil family are characterized by having at least one copy of the trefoil motif, a 40-amino acid domain that contains three conserved disulfides. They are stable secretory proteins expressed in gastrointestinal mucosa. Their 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]
Function	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. [UniProt]
Calculated Mw	9 kDa
Cellular Localization	Secreted. [UniProt]

Images



ARG40988 anti-pS2 / Trefoil factor 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat intestine tissue stained with ARG40988 anti-pS2 / Trefoil factor 1 antibody.



ARG40988 anti-pS2 / Trefoil factor 1 antibody WB image

Western blot: Rat stomach lysate stained with ARG40988 anti-pS2 / Trefoil factor 1 antibody.