

Rabbit PTPRS Polyclonal Antibody | anti-PTPRS antibody

PTPRS Antibody

CATALOG # AAA310640	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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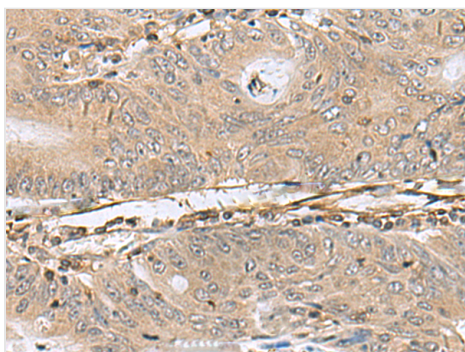
PRODUCT SYNONYMS

PTPRS; Polyclonal Antibody; PTPRS Antibody; R-PTP-S; PTPSIGMA; R-PTP-sigma; anti-PTPRS antibody

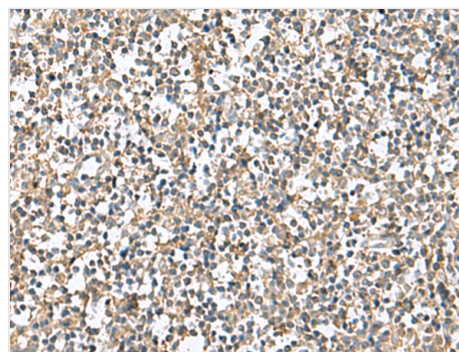
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total PTPRS protein.
Purity/Purification	Antigen affinity purification
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	1 mg/mL (varies by lot)
Sequence Length	1948
Applicable Applications for anti-PTPRS antibody	IHC (Immunohistochemistry)
Immunogen	Fusion protein of human PTPRS
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES


IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 47432(PTPRS Antibody) at dilution 1/110.(Original magnification: 200


IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using 47432(PTPRS Antibody) at dilution 1/110.(Original magnification: 200

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRS antibody	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an extracellular region, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region of this protein is composed of multiple Ig-like and fibronectin type III-like domains. Studies of the similar gene in mice suggested that this PTP may be involved in cell-cell interaction, primary axonogenesis, and axon guidance during embryogenesis. This PTP has been also implicated in the molecular control of adult nerve repair. Four alternatively spliced transcript variants, which encode distinct proteins, have been reported.
Product Categories/Family for anti-PTPRS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	104487006
NCBI GeneID	5802
NCBI Accession #	NP_002841.3
NCBI GenBank Nucleotide #	NM_002850.3
UniProt Accession #	Q13332; O75255; O75870; Q15718; Q16341; Q2M3R7
Molecular Weight	215,980 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase S isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type S
NCBI Official Symbol	PTPRS
NCBI Official Synonym Symbols	R-PTP-S; PTPSIGMA; R-PTP-sigma
NCBI Protein Information	receptor-type tyrosine-protein phosphatase S
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase S
UniProt Gene Name	PTPRS
UniProt Synonym Gene Names	R-PTP-S; R-PTP-sigma

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptprs-antibody-immunohistochemistry-elisa/310640>