

Rabbit PTPRA Polyclonal Antibody | anti-PTPRA antibody

PTPRA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326493	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

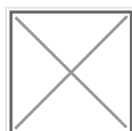
PRODUCT SYNONYMS

PTPRA; Polyclonal Antibody; PTPRA Antibody; HEPTP; HLPR; HPTP alpha; HPTPA; HPTPalpha; Leukocyte common antigen related peptide; LRP; Protein tyrosine phosphatase alpha; Protein tyrosine phosphatase receptor type A; Protein tyrosine phosphatase receptor type alpha polypeptide; Protein tyrosine phosphate; Protein-tyrosine phosphatase alpha; PTPA; PTPalpha; PTPase alpha; PTPLCA related phosphatase; Ptpa; PTPRA_HUMAN; PTPRL 2; PTPRL2; PTRa; R PTP alpha; R-PTP-alpha; Receptor type tyrosine protein phosphatase alpha; Receptor-type tyrosine-protein phosphatase alpha; RPTPA; Tyrosine phosphatase alpha; anti-PTPRA antibody

PRODUCT SPECIFICATIONS

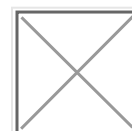
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PTPRA antibody detects endogenous levels of total PTPRA
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	802
Applicable Applications for anti-PTPRA antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PTPRA
Subcellular Location	Membrane.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of HEK293 whole cell lysate, using PTPRA Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326493 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA326493 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRA antibody	Description: 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 domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. This PTP has been shown to dephosphorylate and activate Src family tyrosine kinases, and is implicated in the regulation of integrin signaling, cell adhesion and proliferation. Three alternatively spliced variants of this gene, which encode two distinct isoforms, have been reported. Function: Protein tyrosine phosphate + H2O = protein tyrosine + phosphate. Similarity: Belongs to the protein-tyrosine phosphatase family. Receptor class 4 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506303
NCBI GeneID	5786
NCBI Accession #	NP_002827.1
NCBI GenBank Nucleotide #	NM_002836.3
UniProt Accession #	P18433; Q14513; Q7Z2I2; Q96TD9; A8K2G8; D3DVX5
Molecular Weight	Observed: 90 kDa Predicted: 91 kDa
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase alpha isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type A
NCBI Official Symbol	PTPRA
NCBI Official Synonym Symbols	LRP; HLPR; PTPA; HEPTP; HPTPA; RPTPA; PTPRL2; HPTPalpha; R-PTP-alpha
NCBI Protein Information	receptor-type tyrosine-protein phosphatase alpha
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase alpha
UniProt Gene Name	PTPRA
UniProt Synonym Gene Names	PTPA; PTPRL2; Protein-tyrosine phosphatase alpha; R-PTP-alpha

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptpra-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326493>