

Rabbit PTPRN Polyclonal Antibody | anti-PTPRN antibody

PTPRN antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199545	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

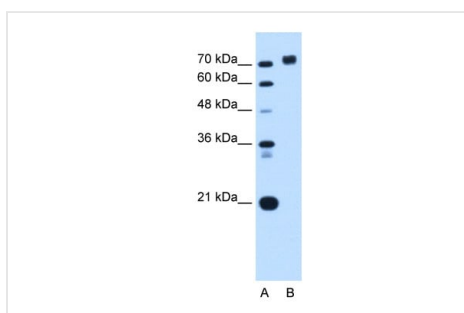
PRODUCT SYNONYMS

PTPRN; Polyclonal Antibody; PTPRN antibody - middle region; anti-PTPRN antibody

PRODUCT SPECIFICATIONS

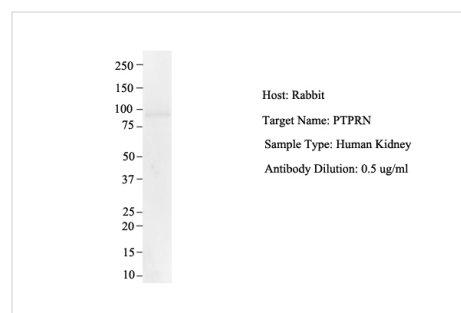
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EV QQVPSPVSSE PPKAARPPVT PVLEKKSPL QSQPTVAGQ PSARPAAE
Sequence Length	889
Applicable Applications for anti-PTPRN antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 100%; Guinea Pig: 85%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 86%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PTPRN
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



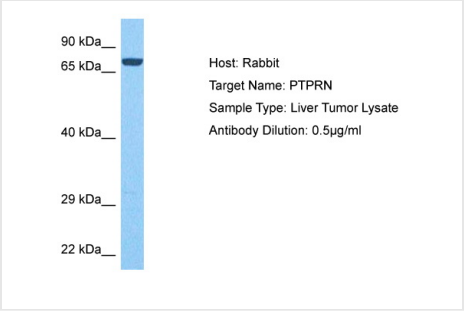
WB (Western Blot)

WB Suggested Anti-PTPRN Antibody Titration: 0.0625ug/ml Positive Control: HepG2 cell lysate



WB (Western Blot)

Host: Rabbit Target Name: PTPRN Sample Type: Human Kidney Antibody Dilution: 0.5 ug/ml



WB (Western Blot)
Host: RabbitTarget Name: PTPRNSample Tissue: Human Liver TumorAntibody Dilution:
1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRN antibody	This is a rabbit polyclonal antibody against PTPRN. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PTPRN 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 possesses an extracellular region, a single transmembrane region, and a single catalytic domain, and thus represents a receptor-type PTP. This PTP was found to be an autoantigen that is reactive with insulin-dependent diabetes mellitus (IDDM) patient sera, and thus may be a potential target of autoimmunity in diabetes mellitus.
Product Categories/Family for anti-PTPRN antibody	Polyclonal ; Membrane & Traffic ; Disease Related ; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	119591131
NCBI GeneID	5798
NCBI Accession #	EAW70725
NCBI GenBank Nucleotide #	NM_001199763
UniProt Accession #	Q16849
Molecular Weight	96kDa
NCBI Official Full Name	protein tyrosine phosphatase, receptor type, N, isoform CRA_b
NCBI Official Synonym Full Names	protein tyrosine phosphatase receptor type N
NCBI Official Symbol	PTPRN
NCBI Official Synonym Symbols	IA2; IA-2; ICA512; R-PTP-N; IA-2/PTP
NCBI Protein Information	receptor-type tyrosine-protein phosphatase-like N
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase-like N
UniProt Gene Name	PTPRN
UniProt Synonym Gene Names	ICA3; ICA512; R-PTP-N; ICA 512
UniProt Entry Name	PTPRN_HUMAN

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.

