

Rabbit anti-Human PCPTP1 Polyclonal Antibody | anti-PTPRR antibody

PCPTP1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289833	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

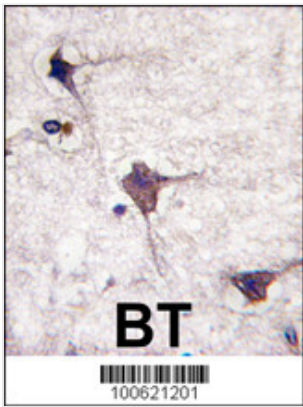
PRODUCT SYNONYMS

PCPTP1; Polyclonal Antibody; PCPTP1 Antibody (N-term); Receptor-type tyrosine-protein phosphatase R; R-PTP-R; Ch-1PTPase; NC-PTPCOM1; Protein-tyrosine phosphatase PCPTP1; PTPRR; ECPTP; PTPRQ; anti-PTPRR antibody

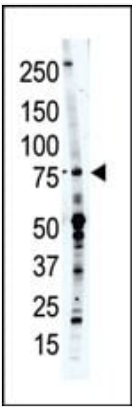
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PCPTP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 234-265 amino acids from the N-terminal region of human PCPTP1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	234-265
Sequence Length	545
Applicable Applications for anti-PTPRR antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with hPCPTP1-Y249, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
The anti-PCPTP1 Pab is used in Western blot to detect PCPTP1 in placenta tissue lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRR antibody	PCPTP1 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 intracellular catalytic domains, and thus represents a receptor-type PTP. The similar gene for this protein predominately expressed in mouse brain was found to associate with, and thus regulate the activity and cellular localization of MAP kinases. The rat counterpart of the gene for this protein was reported to be regulated by the nerve growth factor, which suggested a function in neuronal growth and differentiation.
Product Categories/Family for anti-PTPRR antibody	Neuroscience; Signal Transduction
References	Blanco-Aparicio, C., et al., J. Cell Biol. 147(6):1129-1136 (1999). Ogata, M., et al., J. Biol. Chem. 270(5):2337-2343 (1995). Shiozuka, K., et al., Gene 162(2):279-284 (1995). Sharma, E., et al., J. Biol. Chem. 270(1):49-53 (1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	333108255
NCBI GeneID	5801
NCBI Accession #	NP_001193944.1 ; NP_001193945.1 ; NP_002840.2 ; NP_570897.2
NCBI GenBank Nucleotide #	NM_001207015.1
UniProt Accession #	Q15256 ; O00342 ; Q92682 ; Q9UE65 ; B2R5Z7 ; B7Z3J1 ; F5GXR7
Molecular Weight	73834
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase R isoform 3
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, R
NCBI Official Symbol	PTPRR
NCBI Official Synonym Symbols	PTPRQ; EC-PTP; PCPTP1; PTP-SL; PTPBR7
NCBI Protein Information	receptor-type tyrosine-protein phosphatase R
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase R

UniProt Gene Name	PTPRR
UniProt Synonym Gene Names	ECPTP; PTPRQ; R-PTP-R
UniProt Entry Name	PTPRR_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pcptp1-antibody-immunohistochemistry-western-blot-elisa/289833>