

Rabbit PTPRE Polyclonal Antibody | anti-PTPRE antibody

PTPRE Rabbit Polyclonal Antibody

CATALOG # AAA314005	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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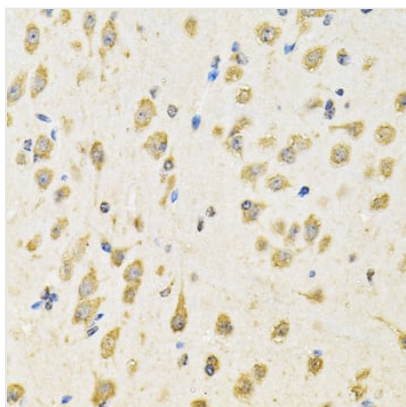
PRODUCT SYNONYMS

PTPRE; Polyclonal Antibody; PTPRE Rabbit Polyclonal Antibody; HPTPE; PTPE; R-PTP-EPSILON; anti-PTPRE antibody

PRODUCT SPECIFICATIONS

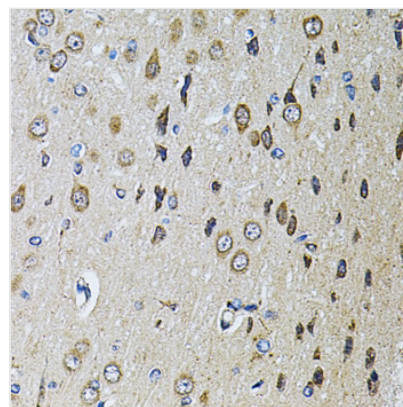
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PTPRE antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human PTPRE (NP_006495.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



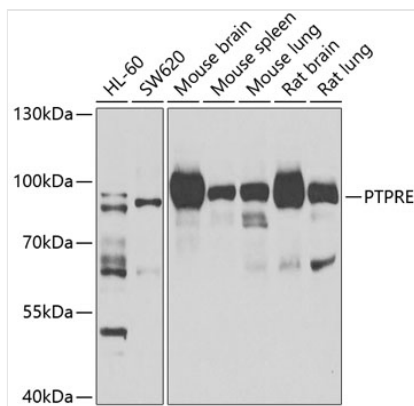
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using PTPRE at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using PTPRE at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PTPRE at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRE 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. Several alternatively spliced transcript variants of this gene have been reported, at least two of which encode a receptor-type PTP that possesses a short extracellular domain, a single transmembrane region, and two tandem intracytoplasmic catalytic domains; another one encodes a PTP that contains a distinct hydrophilic N-terminus, and thus represents a nonreceptor-type isoform of this PTP. Studies of the similar gene in mice suggested the regulatory roles of this PTP in RAS related signal transduction pathways, cytokine-induced SATA signaling, as well as the activation of voltage-gated K⁺ channels.
Product Categories/Family for anti-PTPRE antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729993
NCBI GeneID	5791
NCBI Accession #	NP_006495.1
NCBI GenBank Nucleotide #	NM_006504.4
UniProt Accession #	P23469 ; Q13345 ; Q5VWH3 ; Q5VWH4 ; Q96KQ6
Molecular Weight	700
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase epsilon isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, E
NCBI Official Symbol	PTPRE
NCBI Official Synonym Symbols	PTPE; HPTPE; R-PTP-EPSILON
NCBI Protein Information	receptor-type tyrosine-protein phosphatase epsilon; protein tyrosine phosphatase, receptor type, epsilon polypeptide
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase epsilon
UniProt Gene Name	PTPRE
UniProt Synonym Gene Names	Protein-tyrosine phosphatase epsilon
UniProt Entry Name	PTPRE_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ptpre-antibody-immunohistochemistry-western-blot-elisa/314005>