

Rabbit anti-Human PTPRB Polyclonal Antibody | anti-PTPRB antibody

PTPRB Antibody

CATALOG # AAA231273	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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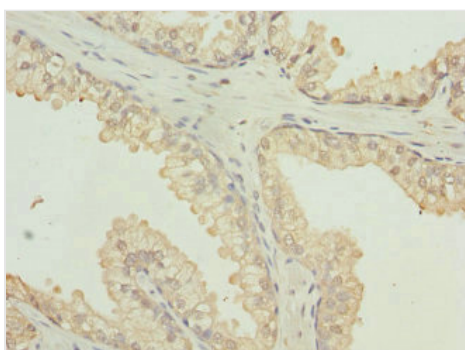
PRODUCT SYNONYMS

PTPRB; Polyclonal Antibody; PTPRB Antibody; Receptor-type tyrosine-protein phosphatase beta; Protein-tyrosine phosphatase beta; R-PTP-beta; Vascular endothelial protein tyrosine phosphatase; VE-PTP; PTPB; anti-PTPRB antibody

PRODUCT SPECIFICATIONS

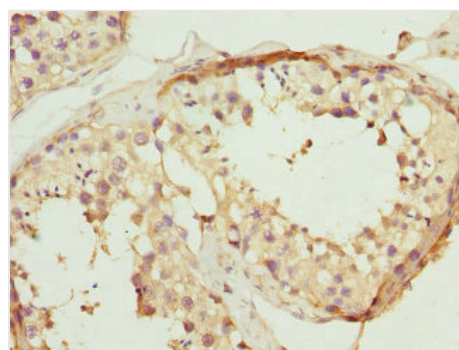
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	2215
Applicable Applications for anti-PTPRB antibody	IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Receptor-type tyrosine-protein phosphatase beta protein (C-240AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1114 / sc-28905
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostata cancer using AAA231273 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA231273 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRB antibody	Plays an important role in blood vessel remodeling and angiogenesis. Not necessary for the initial formation of blood vessels, but is essential for their maintenance and remodeling. Can induce dephosphorylation of TEK/TIE2, CDH5/VE-cadherin and KDR/VEGFR-2. Regulates angiopoietin-TIE2 signaling in endothelial cells. Acts as a negative regulator of TIE2, and controls TIE2 driven endothelial cell proliferation, which in turn affects blood vessel remodeling during embryonic development and determines blood vessel size during perinatal growth. Essential for the maintenance of endothelial cell contact integrity and for the adhesive function of VE-cadherin in endothelial cells and this requires the presence of plakoglobin (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157952215
NCBI GeneID	5787
NCBI Accession #	NP_001103224.1
NCBI GenBank Nucleotide #	NM_001109754.3
UniProt Accession #	P23467; Q14D85; Q3MIV7; B7ZKS8; B7ZKT0; C9JX87; F5H3G6
Molecular Weight	214,505 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase beta isoform a
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type B
NCBI Official Symbol	PTPRB
NCBI Official Synonym Symbols	PTPB; HTPB; VEPTP; HPTP-BETA; R-PTP-BETA
NCBI Protein Information	receptor-type tyrosine-protein phosphatase beta
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase beta
UniProt Gene Name	PTPRB
UniProt Synonym Gene Names	PTPB; Protein-tyrosine phosphatase beta; R-PTP-beta; VE-PTP
UniProt Entry Name	PTPRB_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://www.aaabiotech.com/polyclonal/ptprb-antibody-immunohistochemistry-elisa/231273>