

Rabbit anti-Human, Mouse PTPRK Polyclonal Antibody | anti-PTPRK antibody

PTPRK Antibody

CATALOG # AAA301704	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PTPRK; Polyclonal Antibody; PTPRK Antibody; R-PTP-kappa; anti-PTPRK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PTPRK protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.8 mg/ml (varies by lot)
Sequence Length	1446
Applicable Applications for anti-PTPRK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	PTPRK
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using at dilution 1/25.



Application Data

Gel: 15+12%SDS-PAGE Lysates (from left to right): Mouse liver tissue Amount of lysate: 40ug per lane Primary antibody: 1/550 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRK 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. This PTP possesses an extracellular region, a single transmembrane region, and two tandem catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains a meprin-A5 antigen-PTP mu (MAM) domain, an Ig-like domain and four fibronectin type III-like repeats. This PTP was shown to mediate homophilic intercellular interaction, possibly through the interaction with beta- and gamma-catenin at adherens junctions. Expression of this gene was found to be stimulated by TGF-beta 1, which may be important for the inhibition of keratinocyte proliferation.
Product Categories/Family for anti-PTPRK antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	208431815
NCBI GeneID	5796
NCBI Accession #	NP_001129120.1
NCBI GenBank Nucleotide #	NM_001135648.2
UniProt Accession #	Q15262; Q14763; Q5TG10; Q5TG11; B2RTQ8; B7ZMG0
Molecular Weight	164,613 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase kappa isoform a
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, K
NCBI Official Symbol	PTPRK
NCBI Official Synonym Symbols	R-PTP-kappa
NCBI Protein Information	receptor-type tyrosine-protein phosphatase kappa
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase kappa
UniProt Gene Name	PTPRK
UniProt Synonym Gene Names	PTPK; Protein-tyrosine phosphatase kappa; R-PTP-kappa
UniProt Entry Name	PTPRK_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://stage.aaabiotech.com/polyclonal/ptprk-antibody-immunohistochemistry-western-blot-elisa/301704>