

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

PTPRM Antibody

CATALOG # AAA307727	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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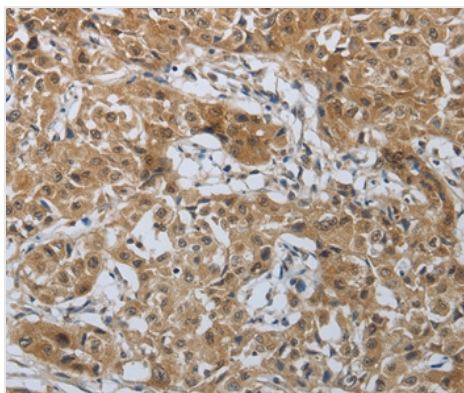
PRODUCT SYNONYMS

PTPRM; Polyclonal Antibody; PTPRM Antibody; RPTPM; RPTPU; PTPRL1; hR-PTPu; R-PTP-MU; anti-PTPRM antibody

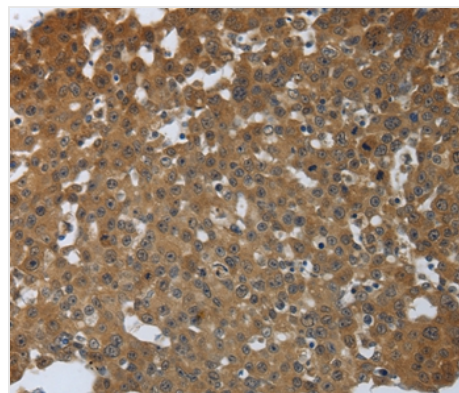
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PTPRM protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.3 mg/ml (varies by lot)
Sequence Length	1465
Applicable Applications for anti-PTPRM antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Protein tyrosine phosphatase, receptor type, M
Target Name	PTPRM
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/40.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using at dilution 1/40.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRM 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 has been shown to mediate cell-cell aggregation through the interaction with another molecule of this PTP on an adjacent cell. This PTP can interact with scaffolding protein RACK1/GNB2L1, which may be necessary for the downstream signaling in response to cell-cell adhesion. Alternative splicing results in multiple transcripts encoding distinct isoforms.
Product Categories/Family for anti-PTPRM antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	157419152
NCBI GeneID	5797
NCBI Accession #	NP_001098714.1
NCBI GenBank Nucleotide #	NM_001105244.1
UniProt Accession #	P28827; A7MBN1; D3DUH8; J3QL11
Molecular Weight	165,060 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase mu isoform 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type, M
NCBI Official Symbol	PTPRM
NCBI Official Synonym Symbols	RPTPM; RPTPU; PTPRL1; hR-PTPu; R-PTP-MU
NCBI Protein Information	receptor-type tyrosine-protein phosphatase mu
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase mu
UniProt Gene Name	PTPRM
UniProt Synonym Gene Names	PTPRL1; Protein-tyrosine phosphatase mu; R-PTP-mu
UniProt Entry Name	PTPRM_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/ptprm-antibody-immunohistochemistry-elisa/307727>