

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

PTPRG Antibody

CATALOG # AAA309260	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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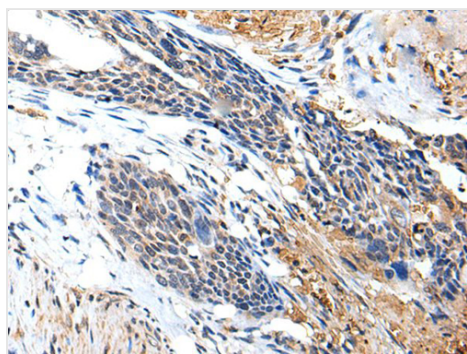
PRODUCT SYNONYMS

PTPRG; Polyclonal Antibody; PTPRG Antibody; PTPG; HPTPG; RPTPG; R-PTP-GAMMA; anti-PTPRG antibody

PRODUCT SPECIFICATIONS

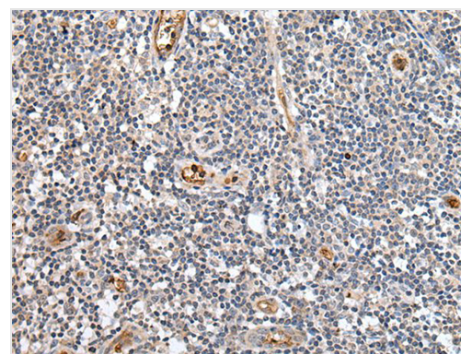
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PTPRG protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.6mg/ml (varies by lot)
Sequence Length	1445
Applicable Applications for anti-PTPRG antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human PTPRG
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PTPRG Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using PTPRG Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-PTPRG 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 intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region of this PTP contains a carbonic anhydrase-like (CAH) domain, which is also found in the extracellular region of PTPRBETA/ZETA. This gene is located in a chromosomal region that is frequently deleted in renal cell carcinoma and lung carcinoma, thus is thought to be a candidate tumor suppressor gene.
Product Categories/Family for anti-PTPRG antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	194097398
NCBI GeneID	5793
NCBI Accession #	NP_002832.3
NCBI GenBank Nucleotide #	NM_002841.3
UniProt Accession #	P23470; Q15623; Q59EE0; Q68DU5; B2RU12; B7ZLX5
Molecular Weight	158,771 Da
NCBI Official Full Name	receptor-type tyrosine-protein phosphatase gamma
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type G
NCBI Official Symbol	PTPRG
NCBI Official Synonym Symbols	PTPG; HTPPG; RPTPG; R-PTP-GAMMA
NCBI Protein Information	receptor-type tyrosine-protein phosphatase gamma
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase gamma
UniProt Gene Name	PTPRG
UniProt Synonym Gene Names	PTPG; Protein-tyrosine phosphatase gamma; R-PTP-gamma
UniProt Entry Name	PTPRG_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/ptprg-antibody-immunohistochemistry-elisa/309260>