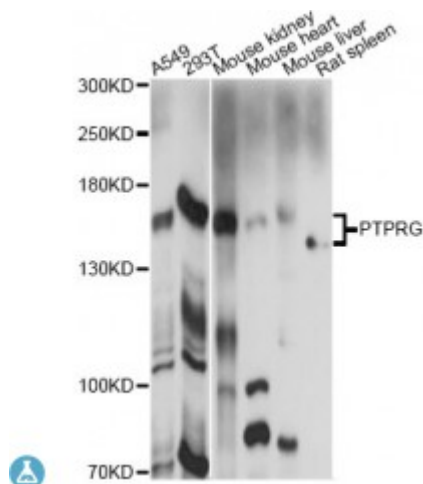


Anti-PTPRG Antibody



Description

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.

Model	STJ116466
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 250-450 of human PTPRG (NP_002832.3).
Gene ID	5793
Gene Symbol	PTPRG
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Found in a variety of tissues
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Receptor-type tyrosine-protein phosphatase gamma Protein-tyrosine phosphatase gamma R-PTP-gamma
Molecular Weight	162.003 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9671OMIM:176886
Alternative Names	Receptor-type tyrosine-protein phosphatase gamma Protein-tyrosine phosphatase gamma R-PTP-gamma
Function	Possesses tyrosine phosphatase activity,
Cellular Localization	Membrane

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