

ARG63653 anti-PTPRT antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PTPRT
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	WB
Specificity	This antibody is expected to recognise both reported isoforms. Epitope corresponding to aa 58-69 of human PTPRT protein.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PTPRT
Species	Human
Immunogen	CNTWEKPMLDQAV
Conjugation	Un-conjugated
Alternate Names	R-PTP-T; Receptor-type tyrosine-protein phosphatase T; Receptor-type tyrosine-protein phosphatase rho; RPTP-rho; RPTPrho; EC 3.1.3.48

Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 11122 Human](#)

[Swiss-port # O14522 Human](#)

Background

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 intracellular catalytic domains, and thus represents a receptor-type PTP. The extracellular region contains a meprin-A5 antigen-PTP (MAM) domain, Ig-like and fibronectin type III-like repeats. The protein domain structure and the expression pattern of the mouse counterpart of this PTP suggest its roles in both signal transduction and cellular adhesion in the central nervous system. Two alternatively spliced transcript variants of this gene, which encode distinct proteins, have been reported. [provided by RefSeq, Jul 2008]

Research Area

Signaling Transduction antibody

Calculated Mw

162 kDa

Images



ARG63653 anti-PTPRT antibody WB image

Western Blot: Human Brain lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63653 anti-PTPRT antibody at 0.3 µg/ml dilution.