

Datasheet for ABIN2789503
anti-PTPRT antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PTPRT
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Zebrafish (Danio rerio), Dog, Guinea Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRT antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	WPAYRDTPPS KRSLLKVVR LEKWQEYDGRGRTVVHCL NGGGRSGTFC
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against PTPRT. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PTPRT
Alternative Name:	PTPRT (PTPRT Products)
Background:	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP)

Target Details

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.

Alias Symbols: KIAA0283, RPTPrho

Protein Interaction Partner: CUL3, PTPRN,

Protein Size: 1441

Molecular Weight:	160 kDa
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Gene ID:	11122
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NCBI Accession:	NM_007050 , NP_008981
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UniProt:	O14522
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 1441 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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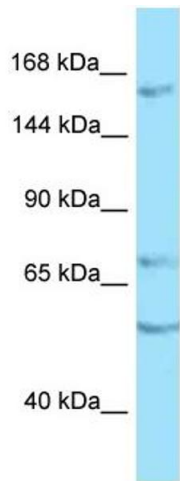
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-PTPRT Antibody Titration: 1.0 ug/ml Positive Control: COLO205 Whole Cell