Datasheet for ABIN5008509

anti-PTPRR antibody (AA 165-270) (AbBy Fluor® 750)

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Overview

Quantity:	100 µL
Target:	PTPRR
Binding Specificity:	AA 165-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRR antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PCPTP1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	PTPRR
Alternative Name:	PCPTP1 (PTPRR Products)
Background:	Synonyms: Ch-1PTPase, Ch1 PTPase, DKFZp781C1038, EC PTP, ECPTP, NC PTPCOM1, NC-

Target Details

	PTPCOM1, Protein tyrosine phosphatase Cr1PTPase precursor, Protein tyrosine phosphatase NC PTPCOM1, Protein tyrosine phosphatase PCPTP1, Protein tyrosine phosphatase receptor type R, Protein-tyrosine phosphatase PCPTP1, PTP SL, PTPBR7, PTPRQ, PTPRR, PTPRR_HUMAN, PTPSL, R-PTP-R, Receptor type tyrosine protein phosphatase R, Receptor-type tyrosine-protein phosphatase R. Background: The protein tyrosine phosphatase (PTP) family of proteins are signaling molecules that regulate processes such as cell growth, cell differentiation, oncogenic transformation and the mitotic cycle. PCPTP1, also known as PTPRR (Receptor-type tyrosine-protein phosphatase R), ECPTP, PTPBR7 or PTPRQ, is a 657 amino acid protein that functions to sequester inactive mitogen-activated protein kinases (MAPKs) to the cytoplasm. Expressed primarily in the brain with weaker expression in other parts of the body, PCPTP1 is a receptor-like molecule that is able to dephosphorylate MAPKs, thereby rendering them inactive. Three isoforms of PCPTP1 exist and are designated alpha, beta and gamma. The alpha form is localized to the cell membrane, while the beta and gamma forms are localized to the perinuclear areas within the cytoplasm.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date:	12 months

