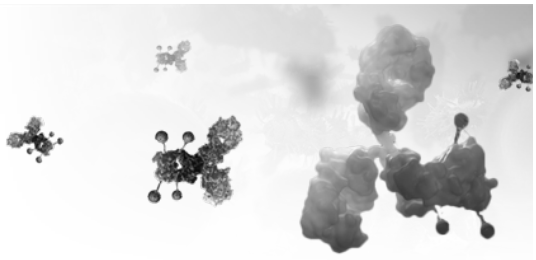

Human PTPRT blocking peptide (CDBP2439)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PTPRT antibody
Antigen 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 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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	PTPRT protein tyrosine phosphatase, receptor type, T [Homo sapiens]

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Official Symbol	PTPRT
Synonyms	PTPRT; protein tyrosine phosphatase, receptor type, T; receptor-type tyrosine-protein phosphatase T; KIAA0283; RPTPrho; R-PTP-T; RPTP-rho; receptor protein tyrosine phosphatase; receptor-type tyrosine-protein phosphatase rho;
Entrez Gene ID	11122
mRNA Refseq	NM_007050
Protein Refseq	NP_008981
UniProt ID	O14522
Chromosome Location	20q12-q13
Function	alpha-actinin binding; alpha-catenin binding; beta-catenin binding; cadherin binding; delta-catenin binding; gamma-catenin binding; hydrolase activity; protein binding; protein tyrosine phosphatase activity; receptor activity; thiolester hydrolase activit

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221