



Human PTPRH blocking peptide (CDBP2437)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PTPRH 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 a single intracytoplasmic catalytic domain, and thus represents a receptor-type PTP. The extracellular region contains eight fibronectin type III-like repeats and multiple N-glycosylation sites. The gene was shown to be expressed primarily in brain and liver, and at a lower level in heart and stomach. It was also found to be expressed in several cancer cell lines, but not in the corresponding normal tissues. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2009]
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	PTPRH protein tyrosine phosphatase, receptor type, H [Homo sapiens]
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Official Symbol	PTPRH
Synonyms	PTPRH; protein tyrosine phosphatase, receptor type, H; receptor-type tyrosine-protein phosphatase H; SAP 1; R-PTP-H; transmembrane-type protein-tyrosine phosphatase type H; stomach cancer-associated protein tyrosine phosphatase 1; SAP1; FLJ39938; MGC133058; MGC133059;
Entrez Gene ID	5794
mRNA Refseq	NM_001161440
Protein Refseq	NP_001154912
UniProt ID	Q9HD43
Chromosome Location	19q13.4
Pathway	T Cell Receptor Signaling Pathway, organism-specific biosystem;
Function	hydrolase activity; protein binding; transmembrane receptor protein tyrosine phosphatase activity;
