



Human PTP4A1 blocking peptide (CDBP2433)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PTP4A1/PRL-1 antibody
Antigen Description	This gene encodes a member of a small class of prenylated protein tyrosine phosphatases (PTPs), which contain a PTP domain and a characteristic C-terminal prenylation motif. The encoded protein is a cell signaling molecule that plays regulatory roles in a variety of cellular processes, including cell proliferation and migration. The protein may also be involved in cancer development and metastasis. This tyrosine phosphatase is a nuclear protein, but may associate with plasma membrane by means of its prenylation motif. Pseudogenes related to this gene are located on chromosomes 1, 2, 5, 7, 11 and X. [provided by RefSeq, Jun 2013]
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	PTP4A1 protein tyrosine phosphatase type IVA, member 1 [Homo sapiens]
Official Symbol	PTP4A1
Synonyms	PTP4A1; protein tyrosine phosphatase type IVA, member 1; protein tyrosine phosphatase type

IVA 1; PRL 1; PTPCAAX1; PTP(CAAX1); protein-tyrosine phosphatase 4a1; Protein tyrosine phosphatase IVA1; protein tyrosine phosphatase type IVA protein 1; protein-tyrosine phosphatase of regenerating liver 1; HH72; PRL1; PRL-1; PTP(CAAX1); DKFZp779M0721;

Entrez Gene ID	7803
mRNA Refseq	NM_003463
Protein Refseq	NP_003454
UniProt ID	Q93096
Chromosome Location	6q12
Pathway	Signaling events mediated by PRL, organism-specific biosystem;
Function	hydrolase activity; protein tyrosine phosphatase activity;
