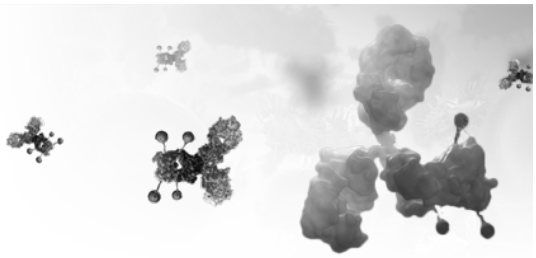

Human PICK1 blocking peptide (CDBP2298)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PICK1 antibody
Antigen Description	The protein encoded by this gene contains a PDZ domain, through which it interacts with protein kinase C, alpha (PRKCA). This protein may function as an adaptor that binds to and organizes the subcellular localization of a variety of membrane proteins. It has been shown to interact with multiple glutamate receptor subtypes, monoamine plasma membrane transporters, as well as non-voltage gated sodium channels, and may target PRKCA to these membrane proteins and thus regulate their distribution and function. This protein has also been found to act as an anchoring protein that specifically targets PRKCA to mitochondria in a ligand-specific manner. Three transcript variants encoding the same protein have been found for this gene. [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	PICK1 protein interacting with PRKCA 1 [Homo sapiens]
Official Symbol	PICK1

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Synonyms	PICK1; protein interacting with PRKCA 1; PRKCABP, protein interacting with PRKCA , protein kinase C, alpha binding protein; PRKCA-binding protein; dJ1039K5; MGC15204; protein interacting with C kinase 1; protein kinase C-alpha-binding protein; PICK; PRKCABP;
Entrez Gene ID	9463
mRNA Refseq	NM_001039583
Protein Refseq	NP_001034672
UniProt ID	Q9NRD5
Chromosome Location	22q13.1
Pathway	Glutamate Binding, Activation of AMPA Receptors and Synaptic Plasticity, organism-specific biosystem; Neuronal System, organism-specific biosystem; Neurotransmitter Receptor Binding And Downstream Transmission In ThePostsynaptic Cell, organism-specific biosystem; Trafficking of AMPA receptors, organism-specific biosystem; Trafficking of GluR2-containing AMPA receptors, organism-specific biosystem; Transmission across Chemical Synapses, organism-specific biosystem;
Function	ATPase activity; enzyme binding; identical protein binding; metal ion binding; protein C-terminus binding; protein binding; protein domain specific binding; protein kinase C binding; receptor binding;

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