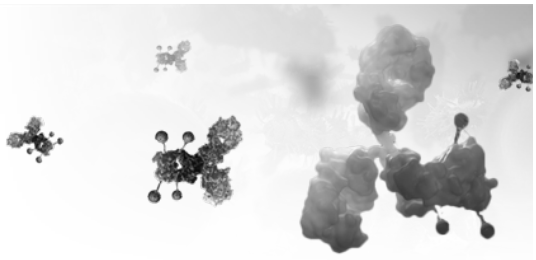

Human MYO6 blocking peptide (CDBP1949)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MYO5A antibody
Antigen Description	This gene encodes a protein involved intracellular vesicle and organelle transport, especially in the hair cell of the inner ear. Mutations in this gene have been found in patients with non-syndromic autosomal dominant and recessive hearing loss. [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	MYO6 myosin VI [Homo sapiens]
Official Symbol	MYO6
Synonyms	MYO6; myosin VI; deafness, autosomal recessive 37 , DFNA22, DFNB37; unconventional myosin-VI; KIAA0389; myosin-VI; unconventional myosin-6; DFNA22; DFNB37;
Entrez Gene ID	4646
mRNA Refseq	NM_004999

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Protein Refseq	NP_004990
UniProt ID	Q9UM54
Chromosome Location	6q14.1
Pathway	Gap junction degradation, organism-specific biosystem; Gap junction trafficking, organism-specific biosystem; Gap junction trafficking and regulation, organism-specific biosystem; Glutamate Binding, Activation of AMPA Receptors and Synaptic Plasticity, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; Neuronal System, organism-specific biosystem; Neurotransmitter Receptor Binding And Downstream Transmission In ThePostsynaptic Cell, organism-specific biosystem;
Function	ADP binding; ATP binding; actin binding; actin filament binding; actin filament binding; calmodulin binding; calmodulin binding; minus-end directed microfilament motor activity; motor activity; nucleotide binding; protein binding;

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