



KIF5A blocking peptide (CDBP5641)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the kinesin family of proteins. Members of this family are part of a multisubunit complex that functions as a microtubule motor in intracellular organelle transport. Mutations in this gene cause autosomal dominant spastic paraplegia 10. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	KIF5A kinesin family member 5A [Homo sapiens (human)]
Official Symbol	KIF5A
Synonyms	KIF5A; kinesin family member 5A; NKHC; MY050; SPG10; D12S1889; kinesin heavy chain isoform 5A; KIF5A variant protein; neuronal kinesin heavy chain; kinesin heavy chain neuron-specific 1; kinesin, heavy chain, neuron-specific
Entrez Gene ID	3798
mRNA Refseq	NM_004984

Protein Refseq

[NP_004975](#)

UniProt ID

Q12840

Pathway

Adaptive Immune System; Dopaminergic synapse; Factors involved in megakaryocyte development and platelet production; Hemostasis; Immune System; Insulin processing; Kinesins; MHC class II antigen presentation

Function

ATP binding; microtubule binding; microtubule motor activity; motor activity; protein binding