



Human KIF5A blocking peptide (CDBP1684)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-KIF5A antibody
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]
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	KIF5A kinesin family member 5A [Homo sapiens]
Official Symbol	KIF5A
Synonyms	KIF5A; kinesin family member 5A; spastic paraplegia 10 (autosomal dominant) , SPG10; kinesin heavy chain isoform 5A; D12S1889; MY050; NKHC; KIF5A variant protein; neuronal

kinesin heavy chain; kinesin heavy chain neuron-specific 1; kinesin, heavy chain, neuron-specific; SPG10;

Entrez Gene ID	3798
mRNA Refseq	NM_004984
Protein Refseq	NP_004975
UniProt ID	Q12840
Chromosome Location	12q13.13
Pathway	Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem;
Function	ATP binding; microtubule motor activity; motor activity; nucleotide binding;