



Anti-KIF5A polyclonal antibody (DPAB-DC1785)

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.
Immunogen	A synthetic peptide corresponding to human KIF5A. The sequence is C-QAKLFPLHQETAAS
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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
Protein Refseq	NP_004975
UniProt ID	Q12840
Chromosome Location	12q13.13
Pathway	Adaptive Immune System; Dopaminergic synapse; Hemostasis; Insulin processing
Function	ATP binding; microtubule binding; microtubule motor activity; motor activity