KIF5A polyclonal antibody

Catalog # PAB6191 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of KIF5A.
Immunogen	A synthetic peptide corresponding to human KIF5A.
Sequence	C-QAKLFPLHQETAAS
Host	Goat
Theoretical MW (kDa)	119
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — KIF5A

Entrez GeneID	3798
Protein Accession#	NP_004975
Gene Name	KIF5A
Gene Alias	D12S1889, MY050, NKHC, SPG10
Gene Description	kinesin family member 5A
Omim ID	602821 604187
Gene Ontology	Hyperlink
Gene Summary	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. M utations in this gene cause autosomal dominant spastic paraplegia 10. [provided by RefSeq
Other Designations	KIF5A variant protein|kinesin, heavy chain, neuron-specific

Publication Reference

- A kinesin heavy chain (KIF5A) mutation in hereditary spastic paraplegia (SPG10).

  Reid E, Kloos M, Ashley-Koch A, Hughes L, Bevan S, Svenson IK, Graham FL, Gaskell PC, Dearlove A, Pericak-Vance MA, Rubinsztein DC, Marchuk DA.

  American Journal of Human Genetics 2002 Nov; 71(5):1189.

Disease

- Arthritis
- Autoimmune Diseases
- Cardiovascular Diseases
- Diabetes Mellitus
- Disease Progression
- Edema

- Genetic Predisposition to Disease
- Inflammation
- Multiple Sclerosis
- Spastic Paraplegia
- Wegener Granulomatosis