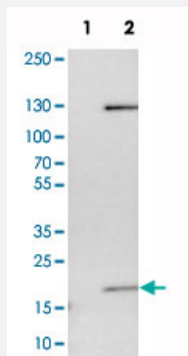


KIF5A polyclonal antibody

Catalog # PAB20271 Size 100 uL

Applications

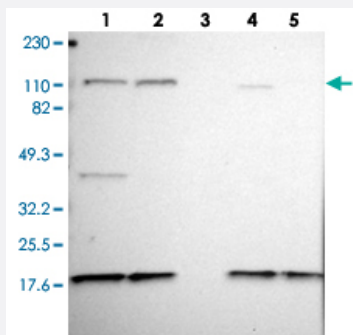


Western Blot (Cell lysate)

Western blot analysis of cell lysates with KIF5A polyclonal antibody (Cat # PAB20271).

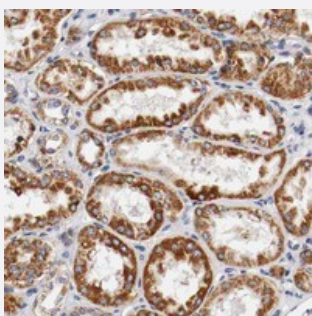
Lane 1 : NIH/3T3

Lane 2 : NBT-II



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with KIF5A polyclonal antibody (Cat # PAB20271).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney with KIF5A polyclonal antibody (Cat # PAB20271) shows strong cytoplasmic positivity in tubular cells.

Specification

Product Description

Rabbit polyclonal antibody raised against recombinant KIF5A.

Immunogen	Recombinant protein corresponding to amino acids of human KIF5A.
Sequence	AQIAKPVRPGHYPASSPTNPYGTRSPECISYTNSLFQNYQNLYLQATPSSTSDMYFANSCTSSGAT SSGGPLASYQKANMDNGNATDINDNRSDLPCGYEAEDQAKLFPLHQ
Host	Rabbit
Reactivity	Human, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of cell lysates with KIF5A polyclonal antibody (Cat # PAB20271).

Lane 1 : NIH/3T3

Lane 2 : NBT-II

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with KIF5A polyclonal antibody (Cat # PAB20271).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — KIF5A

Entrez GeneID

[3798](#)

Protein Accession#	Q12840
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. Mutations in this gene cause autosomal dominant spastic paraplegia 10. [provided by RefSeq]
Other Designations	KIF5A variant protein kinesin, heavy chain, neuron-specific

Disease

- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)
- [Multiple Sclerosis](#)
- [Spastic Paraplegia](#)
- [Wegener Granulomatosis](#)