

Rabbit KIF5 Polyclonal Antibody | anti-KIF5A antibody

KIF5 Antibody

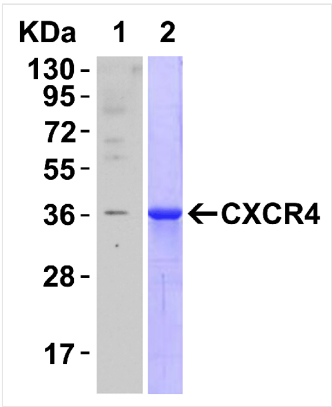
CATALOG # AAA40152	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

KIF5; Polyclonal Antibody; KIF5 Antibody; NKHC; MY050; SPG10; D12S1889; NKHC1; Kinesin heavy chain isoform 5A; Kinesin heavy chain neuron-specific 1; kinesin family member 5A; anti-KIF5A antibody

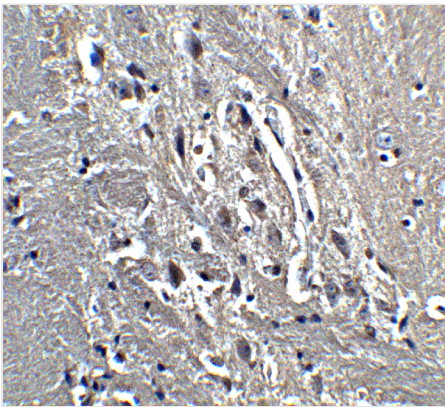
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	KIF5 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1032
Applicable Applications for anti-KIF5A antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	KIF5 antibody was raised against a 20 amino acid synthetic peptide from near the carboxy terminus of human KIF5.
Buffer	KIF5 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	KIF5 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



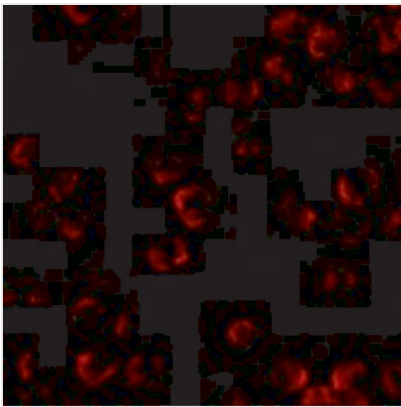
IF (Immunofluorescence)

Immunofluorescence of KIF5 in mouse brain tissue with KIF5 antibody at 20 μ g/mL. Red: KIF5 Antibody (4289) Blue: DAPI staining



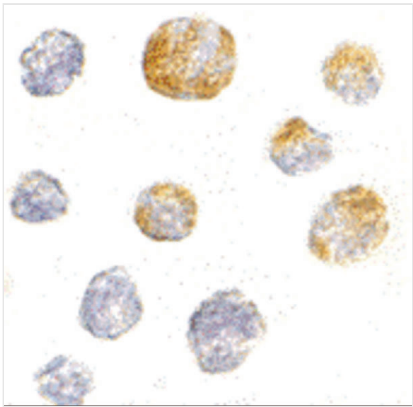
IHC (Immunohistochemistry)

Immunohistochemistry of KIF5 in mouse brain tissue with KIF5 antibody at 5 μ g/mL.



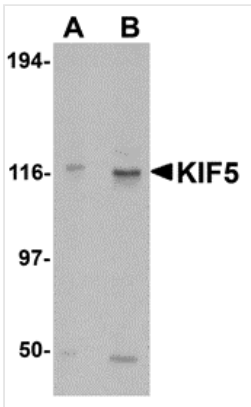
IF (Immunofluorescence)

Immunofluorescence of KIF5 in K562 cells with KIF5 antibody at 20 μ g/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of KIF5 in K562 cells with KIF5 antibody at 5 μ g/mL.



WB (Western Blot)

Western blot analysis of KIF5 in K562 cell lysate with KIF5 antibody at (A) 0.5 and (B) 1 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-KIF5A antibody

KIF5 Antibody: The kinesin superfamily proteins (KIFs) are microtubule-dependent motors that slide along microtubules and transport cellular organelles and mRNA to different parts of the cell. In neurons, KIF5 performs this role in an anterograde fashion from the neuronal cell body to axonal or dendritic terminals. KIF5 was initially differentiated from the ubiquitously expressed kinesin as being highly enriched in subsets of neurons and selectively concentrated in the cell body. KIF5 has at least three known isoforms; this antibody recognizes all three. Mutations in one of the isoforms of KIF5 (KIF5A) are thought to be involved in hereditary spastic paraplegias.

NCBI AND UNIPROT INFORMATION

NCBI GI #	143811412
NCBI GeneID	3798
UniProt Accession #	Q12840; Q4LE26; A6H8M5
Molecular Weight	117,378 Da
NCBI Official Full Name	Kinesin heavy chain isoform 5A
NCBI Official Synonym Full Names	kinesin family member 5A
NCBI Official Symbol	KIF5A
NCBI Official Synonym Symbols	NKHC; MY050; SPG10; D12S1889
NCBI Protein Information	kinesin heavy chain isoform 5A; KIF5A variant protein; neuronal kinesin heavy chain; kinesin heavy chain neuron-specific 1; kinesin, heavy chain, neuron-specific
UniProt Protein Name	Kinesin heavy chain isoform 5A
UniProt Gene Name	KIF5A
UniProt Synonym Gene Names	NKHC1; NKHC
UniProt Entry Name	KIF5A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kif5-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40152>