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anti-KIF5A antibody (Middle Region)

3 Images



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Overview

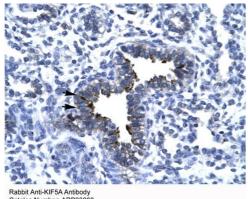
Quantity:	100 μL
Target:	KIF5A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KIF5A
Sequence:	LEESYDSLSD ELAKLQAQET VHEVALKDKE PDTQDADEVK KALELQMESH
Predicted Reactivity:	Cow: 79%, Dog: 100%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against KIF5A. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified
Target Details	
Target:	KIF5A

Target Details

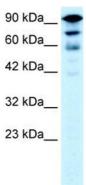
Alternative Name:	KIF5A (KIF5A Products)
Background:	KIF5A is a member of the kinesin family of proteins. Members of this family are part of a
	multisubunit complex that functions as a microtubule motor in intracellular organelle transpor
	Mutations in this gene cause autosomal dominant spastic paraplegia 10.
	Alias Symbols: NKHC, MY050, SPG10, D12S1889
	Protein Interaction Partner: UBC, KIF11, KLC1, KLC4, KLC2, EXOC1, KCNE3, TK1, SMN1, PIN1,
	STAU1, RAPGEF2, MAP4K4, TP53BP2, KIF5A, DTNB, NCOA2, KIF5B, ITSN1, KLC3, YAP1,
	TSG101,
	Protein Size: 1032
Molecular Weight:	117 kDa
Gene ID:	3798
NCBI Accession:	NM_004984, NP_004975
UniProt:	Q12840
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1032 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-KIF5A Antibody
Catalog Number: ARP33868
Lot Number: QC328
Lot Number: QC328
Paraffin Embeded Tissue: Human Lung
Cells with Positive label: Epithelial cells of bronchiole (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

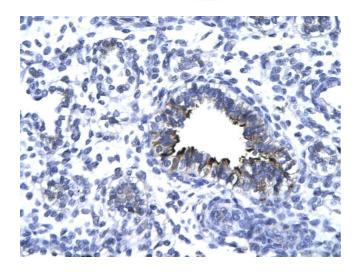


Immunohistochemistry

Image 1. Rabbit Anti-KIF5A antibody Paraffin Embedded Tissue: Human Lung cell Cellular Data: bronchiole epithelium of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Western Blotting

Image 2. WB Suggested Anti-KIF5A Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain



Immunohistochemistry

Image 3. Rabbit Anti-KIF5A antibody Paraffin Embedded Tissue: Human Lung cell Cellular Data: bronchiole epithelium of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X