

Rabbit KIF5C Polyclonal Antibody | anti-KIF5C antibody

KIF5C antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200412	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat	Western Blot, Immunoprecipitation

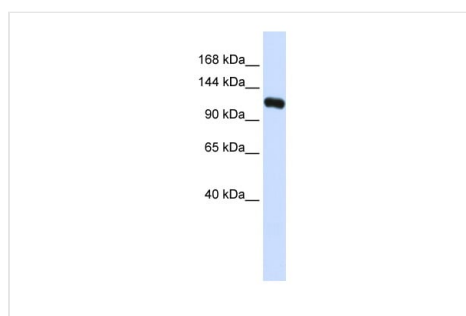
PRODUCT SYNONYMS

KIF5C; Polyclonal Antibody; KIF5C antibody - N-terminal region; anti-KIF5C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AD PAECSIKVMC RFRPLNEAEI LRGDKFIPKF KGDETIVIGQ GKPYVFDR
Sequence Length	957
Applicable Applications for anti-KIF5C antibody	WB (Western Blot), IP (Immunoprecipitation)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KIF5C
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

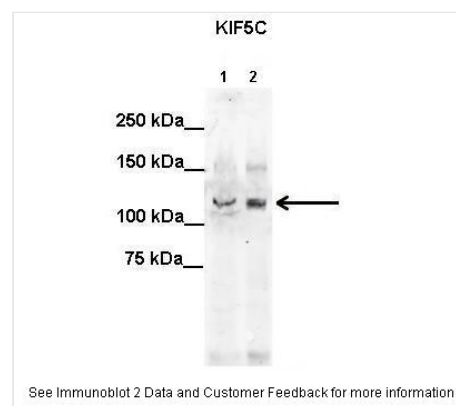
IMAGES



WB (Western Blot)

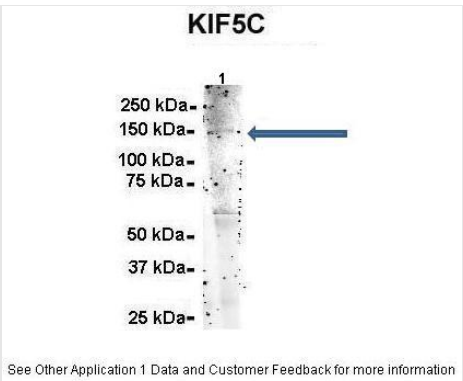
WB Suggested Anti-KIF5C Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive

Control: Human brain



WB (Western Blot)

Lanes: 1. Mouse WT brain extract (80ug) 2. Rat brain extract (80ug) Primary Antibody Dilution: 2ug/ml Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience Secondary Antibody Dilution: 1: 20,000 Gene Name: KIF5C Submitted by: Dr. Yuzhi Chen, University of Arkansas for Medical Science



IP (Immunoprecipitation)
Sample Type: Mouse brainAmount and Sample Type :500 ug mouse brain
homogenateAmount of IP Antibody :6 ugPrimary Antibody :KIF5CPrimary Antibody Dilution
:1:500Secondary Antibody :Goat anti-rabbit Alexa-Fluor 594Secondary Antibody Dilution
:1:5000Gene Name :KIF5CSubmitted by :Dr. Yuzhi Chen, University of Arkansas for Medical
Science

ADDITIONAL INFORMATION

Related Product Information for anti-KIF5C antibody	This is a rabbit polyclonal antibody against KIF5C. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KIF5C belongs to the kinesin-like protein family, Kinesin subfamily. It contains 1 kinesin-motor domain. Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport.
Product Categories/Family for anti-KIF5C antibody	Polyclonal; Neuroscience; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758650
NCBI GeneID	3800
NCBI Accession #	NP_004513
NCBI GenBank Nucleotide #	NM_004522
UniProt Accession #	O60282
Molecular Weight	109kDa
NCBI Official Full Name	kinesin heavy chain isoform 5C
NCBI Official Synonym Full Names	kinesin family member 5C
NCBI Official Symbol	KIF5C
NCBI Official Synonym Symbols	KINN; NKHC; NKHC2; CDCBM2; NKHC-2
NCBI Protein Information	kinesin heavy chain isoform 5C; kinesin heavy chain
UniProt Protein Name	Kinesin heavy chain isoform 5C
UniProt Gene Name	KIF5C
UniProt Synonym Gene Names	KIAA0531; NKHC2
UniProt Entry Name	KIF5C_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.

