

Rabbit KIF21A Polyclonal Antibody | anti-KIF21A antibody

KIF21A antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197695	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast	Western Blot

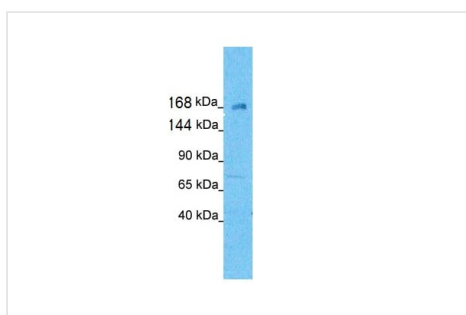
PRODUCT SYNONYMS

KIF21A; Polyclonal Antibody; KIF21A antibody - N-terminal region; anti-KIF21A antibody

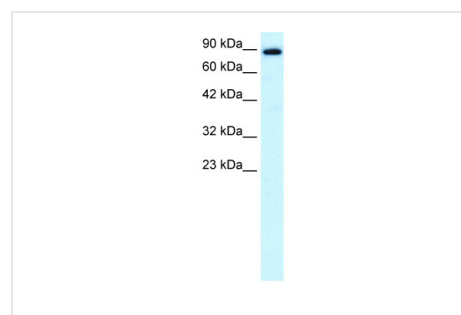
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast
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: KE KRKKKSVAGK EDNTDQDEK KEEKGVSERE NNELEVEESQ EVSDHEDE
Sequence Length	1661
Applicable Applications for anti-KIF21A antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 79%; Horse: 86%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 93%; Rat: 86%; Yeast: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KIF21A
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-KIF21A Antibody Titration: 0.2-1 ug/ml Positive Control: MCF7


WB (Western Blot)

WB Suggested Anti-KIF21A Antibody Titration: 0.2-1 ug/ml Positive Control: Human brain

ADDITIONAL INFORMATION

Related Product Information for anti-KIF21A antibody	This is a rabbit polyclonal antibody against KIF21A. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KIF21A belongs to a family of plus end-directed kinesin motor proteins. Neurons use kinesin and dynein microtubule-dependent motor proteins to transport essential cellular components along axonal and dendritic microtubules.
Product Categories/Family for anti-KIF21A antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	38569484
NCBI GeneID	55605
NCBI Accession #	NP_060111
NCBI GenBank Nucleotide #	NM_017641
UniProt Accession #	Q7Z4S6
Molecular Weight	186kDa
NCBI Official Full Name	kinesin-like protein KIF21A isoform 2
NCBI Official Synonym Full Names	kinesin family member 21A
NCBI Official Symbol	KIF21A
NCBI Official Synonym Symbols	FEOM1; CFEOM1; FEOM3A
NCBI Protein Information	kinesin-like protein KIF21A
UniProt Protein Name	Kinesin-like protein KIF21A
UniProt Gene Name	KIF21A
UniProt Synonym Gene Names	KIAA1708; KIF2
UniProt Entry Name	KI21A_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.