

Rabbit KIF22 Polyclonal Antibody | anti-KIF22 antibody

KIF22 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197692	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Yeast	Western Blot

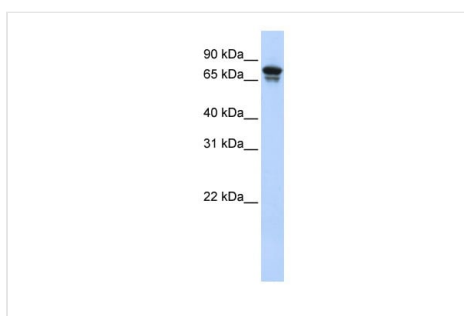
PRODUCT SYNONYMS

KIF22; Polyclonal Antibody; KIF22 antibody - N-terminal region; anti-KIF22 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, 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: CS LEIANWRNHQ ETLKYQFDAF YGERSTQQDI YAGSVQPILR HLLEGQNA
Sequence Length	665
Applicable Applications for anti-KIF22 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rat: 100%; Yeast: 89%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KIF22
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.

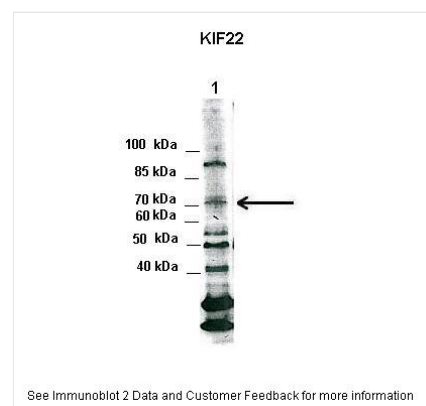
IMAGES



WB (Western Blot)

WB Suggested Anti-KIF22 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive

Control: Transfected 293T



WB (Western Blot)

Lanes: 1. Xenopus laevis egg extract 0.3 ul/lane Primary Antibody Dilution: 1:1000 Secondary Antibody: Anti-Rabbit HRP Secondary Antibody Dilution: 1:5000 Gene Name: KIF22 Submitted by: Anonymous

ADDITIONAL INFORMATION

Related Product Information for anti-KIF22 antibody	This is a rabbit polyclonal antibody against KIF22. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KIF22 a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its essential role in metaphase chromosome alignment and maintenance. The protein encoded by this gene is a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its essential role in metaphase chromosome alignment and maintenance. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-KIF22 antibody	Polyclonal; Cell Cycle Proteins; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	6453818
NCBI GeneID	3835
NCBI Accession #	NP_015556
NCBI GenBank Nucleotide #	NM_007317
UniProt Accession #	Q14807
Molecular Weight	73kDa
NCBI Official Full Name	kinesin-like protein KIF22 isoform 1
NCBI Official Synonym Full Names	kinesin family member 22
NCBI Official Symbol	KIF22
NCBI Official Synonym Symbols	KID; OBP; KNSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2
NCBI Protein Information	kinesin-like protein KIF22
UniProt Protein Name	Kinesin-like protein KIF22
UniProt Gene Name	KIF22
UniProt Synonym Gene Names	KID; KNSL4
UniProt Entry Name	KIF22_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/kif22-antibody-western-blot-elisa/197692>