

Rabbit anti-Human KIF11 Polyclonal Antibody | anti-KIF11 antibody

KIF11 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289541	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

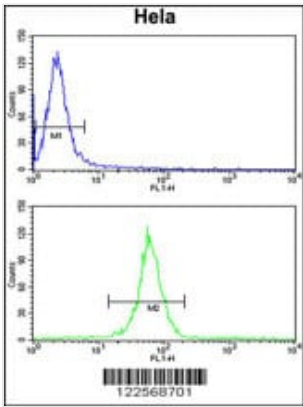
PRODUCT SYNONYMS

KIF11; Polyclonal Antibody; KIF11 Antibody (N-term); Kinesin-like protein KIF11; Kinesin-like protein 1; Kinesin-like spindle protein HKSP; Kinesin-related motor protein Eg5; Thyroid receptor-interacting protein 5; TR-interacting protein 5; TRIP-5; EG5; KNSL1; TRIP5; anti-KIF11 antibody

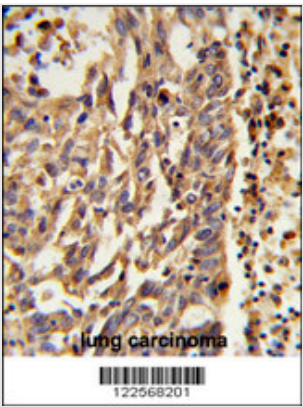
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KIF11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-130 amino acids from the N-terminal region of human KIF11.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	103-130
Sequence Length	1,056
Applicable Applications for anti-KIF11 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

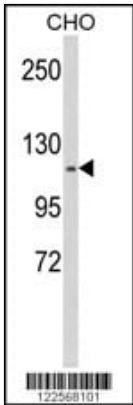
IMAGES



FCM/FACS (Flow Cytometry)
KIF11 Antibody (N-term) flow cytometry analysis of HeLa cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with KIF11 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of KIF11 Antibody (N-term) in CHO cell line lysates (35ug/lane). KIF11 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-KIF11 antibody	KIF11 belongs to the kinesin-like protein family. Members of this protein family are known to be involved in various kinds of spindle dynamics. The function of this gene product includes chromosome positioning, centrosome separation and establishing a bipolar spindle during cell mitosis.
Product Categories/Family for anti-KIF11 antibody	Signal Transduction
References	Tcherniuk,S., et.al., Biochem. Pharmacol. 79 (6), 864-872 (2010) Parke,C.L., et.al., J. Biol. Chem. 285 (8), 5859-5867 (2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13699824
NCBI GeneID	3832
NCBI Accession #	NP_004514.2
NCBI GenBank Nucleotide #	NM_004523.3
UniProt Accession #	P52732; Q15716; Q5VWX0; A0AV49; B2RMV3
Molecular Weight	119159

NCBI Official Full Name	kinesin-like protein KIF11
NCBI Official Synonym Full Names	kinesin family member 11
NCBI Official Symbol	KIF11
NCBI Official Synonym Symbols	EG5; HKSP; KNSL1; MCLMR; TRIP5
NCBI Protein Information	kinesin-like protein KIF11
UniProt Protein Name	Kinesin-like protein KIF11
UniProt Gene Name	KIF11
UniProt Synonym Gene Names	EG5; KNSL1; TRIP5; TR-interacting protein 5; TRIP-5
UniProt Entry Name	KIF11_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://stage.aaabiotech.com/polyclonal/kif11-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289541>