

Rabbit KIF14 Polyclonal Antibody | anti-KIF14 antibody

KIF14 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280759	Rabbit	Human, Mouse, Rat.	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

KIF14; Polyclonal Antibody; KIF14 Polyclonal Antibody; MKS12; anti-KIF14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	1648
Applicable Applications for anti-KIF14 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1399-1648 of human KIF14 (NP_055690.1).
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



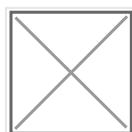
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using KIF14 Polyclonal Antibody (AAA280759) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



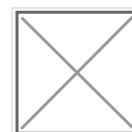
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using KIF14 Polyclonal Antibody (AAA280759) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast cancer using KIF14 antibody (AAA280759) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat ovary using KIF14 antibody (AAA280759) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using KIF14 antibody (AAA280759) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s..

ADDITIONAL INFORMATION

Related Product Information for anti-KIF14 antibody	This gene encodes a member of the kinesin-3 superfamily of microtubule motor proteins. These proteins are involved in numerous processes including vesicle transport, chromosome segregation, mitotic spindle formation, and cytokinesis. In human HeLa-S3 and 293T cells, this protein is localized to the cytoplasm during interphase, to the spindle poles and spindle microtubules during mitosis, and to the midbody during cytokinesis. An internal motor domain displays microtubule-dependent ATPase activity, consistent with its function as a microtubule motor protein. Knockdown of this gene results in failed cytokinesis with endoreplication, which results in multinucleated cells. This gene has been identified as a likely oncogene in breast, lung and ovarian cancers, as well as retinoblastomas and gliomas. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-KIF14 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	23396633
NCBI GeneID	9928
UniProt Accession #	Q15058; Q14C18; Q4G0A5; Q5T1W3
Molecular Weight	Observed MW: 190 kDa Calculated MW: 186 kDa
NCBI Official Full Name	Kinesin-like protein KIF14
NCBI Official Synonym Full Names	kinesin family member 14
NCBI Official Symbol	KIF14
NCBI Official Synonym Symbols	MKS12
NCBI Protein Information	kinesin-like protein KIF14
UniProt Protein Name	Kinesin-like protein KIF14
UniProt Gene Name	KIF14

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/kif14-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/280759>