

anti-Human, Mouse KIF2C Antibody | anti-KIF2C antibody

KIF2C (Phospho-Ser95) Antibody

CATALOG # AAA112000	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Western Blot
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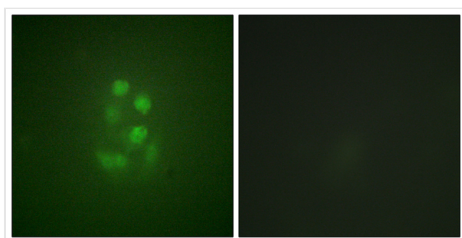
PRODUCT SYNONYMS

KIF2C; KIF2C (Phospho-Ser95) Antibody; KF2C; KNSL6; Kinesin-like protein 6; Kinesin-like protein KIF2C; Mitotic centromere-associated kinesin; anti-KIF2C antibody

PRODUCT SPECIFICATIONS

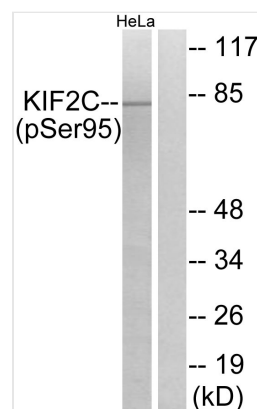
Reactivity	Human, Mouse
Specificity	KIF2C (Phospho-Ser95) antibody detects endogenous levels of KIF2C only when phosphorylated at serine 95.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	684
Applicable Applications for anti-KIF2C antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human KIF2C around the phosphorylation site of serine 95 (R-R-SP-V-N).
All Sites	Human: Ser95 Mouse: Ser92
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

P-peptide-+ Western blot analysis of extracts from HeLa cells, treated with TNF (10ng/ml, 30mins), using KIF2C (Phospho-Ser95) antibody. Immunofluorescence analysis of A549 cells, using KIF2C (Phospho-Ser95) antibody.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for anti-KIF2C antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Kim I.-G., Biochim. Biophys. Acta 1359:181-186(1997). Cheng L.J.; Submitted (MAR-2001) to the EMBL/GenBank/DDBJ databases. The MGC Project Team; Genome Res. 14:2121-2127(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	663071031
NCBI GeneID	11004
NCBI Accession #	NP_001284584.1
NCBI GenBank Nucleotide #	NM_001297655.1
UniProt Accession #	Q99661; Q5JR88; Q6ICU1; Q96C18; Q96HB8; Q9BWV8; B3ITR9
Molecular Weight	75,561 Da
NCBI Official Full Name	kinesin-like protein KIF2C isoform 2
NCBI Official Synonym Full Names	kinesin family member 2C
NCBI Official Symbol	KIF2C
NCBI Official Synonym Symbols	MCAK; CT139; KNSL6
NCBI Protein Information	kinesin-like protein KIF2C
UniProt Protein Name	Kinesin-like protein KIF2C
UniProt Gene Name	KIF2C
UniProt Synonym Gene Names	KNSL6; MCAK

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/human-mouse-antibody/kif2c/112000>