

Rabbit KIF2C Polyclonal Antibody | anti-KIF2C antibody

KIF2C Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327049	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

KIF2C; Polyclonal Antibody; KIF2C Antibody; 4930402F02Rik; CT139; ESTM5; KIF 2C; kif2c; KIF2C_HUMAN; Kinesin Family Member 2C; Kinesin family member 2C; kinesin like 6 (mitotic centromere associated kinesin); Kinesin like 6; Kinesin like protein 6; Kinesin like protein KIF2C; Kinesin-like protein 6; Kinesin-like protein KIF2C; KNS L6; KNSL 6; KNSL6; MCAK; MGC11883; Mitotic centromere associated kinesin; Mitotic centromere-associated kinesin; OTTHUMP00000010066; X83316; anti-KIF2C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	KIF2C antibody detects endogenous levels of total KIF2C
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	684
Applicable Applications for anti-KIF2C antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human KIF2C, corresponding to a region within the C-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of HeLa whole cell lysates, using KIF2C Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA327049 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA327049 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KIF2C antibody	Description: The protein encoded by this gene is a member of kinesin-like protein family. Proteins of this family are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. This protein is important for anaphase chromosome segregation and may be required to coordinate the onset of sister centromere separation.
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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	81 kDa
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/polyclonal/kif2c-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/327049>