

Rabbit Kinesin-like protein KIF2C Polyclonal Antibody | anti-KIF2C antibody

Anti-MCAK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46072	Rabbit	Human, Mouse, Rat. No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

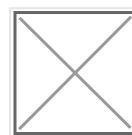
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	684
Applicable Applications for anti-KIF2C antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human MCAK recombinant protein (Position: G531-Q725). Human MCAK shares 87% amino acid (aa) sequence identity with both mouse and rat MCAK.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti- MCAK antibody, AAA46072, IHC(P)IHC(P): Rat Thymus Tissue



IHC (Immunohistochemistry)
Anti- MCAK antibody, AAA46072, IHC(P)IHC(P): Rat Testis Tissue



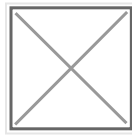
IHC (Immunohistochemistry)

Anti- MCAK antibody, AAA46072, IHC(P)IHC(P): Mouse Testis Tissue



WB (Western Blot)

Anti- MCAK antibody, AAA46072, Western blottingAll lanes: Anti MCAK (AAA46072) at 0.5ug/mlLane 1: Mouse Testis Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: MM231 Whole Cell Lysate at 40ugLane 4: MM453 Whole Cell Lysate at 40ugLane 5: SKOV Whole Cell Lysate at 40ugPredicted bind size: 81KDObserved bind size: 81KD



WB (Western Blot)

Anti- MCAK antibody, AAA46072, Western blottingAll lanes: Anti MCAK (AAA46072) at 0.5ug/mlWB: Recombinant Human MCAK Protein 0.5ngPredicted bind size: 48KDObserved bind size: 48KD

ADDITIONAL INFORMATION

Related Product Information for anti-KIF2C antibody

Description: Rabbit IgG polyclonal antibody for Kinesin-like protein KIF2C(KIF2C) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

Background: Kinesin-like protein KIF2C is a protein that in humans is encoded by the KIF2C gene. It is mapped to 1p34.1. The protein encoded by this gene is a member of kinesin-like protein family. Most proteins of this family are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. This protein acts to regulate microtubule dynamics in cells and is important for anaphase chromosome segregation and may be required to coordinate the onset of sister centromere separation. KIF2C uses microtubule depolymerizing activity to correct improper microtubule attachments at kinetochores.

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; kinesin-like protein 6; mitotic centromere-associated kinesin
UniProt Protein Name	Kinesin-like protein KIF2C
UniProt Gene Name	KIF2C
UniProt Synonym Gene Names	KNSL6; MCAK
UniProt Entry Name	KIF2C_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.

