
Product Name: KIF2C Rabbit Polyclonal Antibody**Catalog #: APRab13014**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000

Molecular Weight

Antigen Information

Gene Name	KIF2C
Alternative Names	KIF2C; KNSL6; Kinesin-like protein KIF2C; Kinesin-like protein 6; Mitotic centromere-associated kinesin; MCAK
Gene ID	11004.0
SwissProt ID	Q99661
Immunogen	The antiserum was produced against synthesized peptide derived from human KIF2C. AA range:61-110

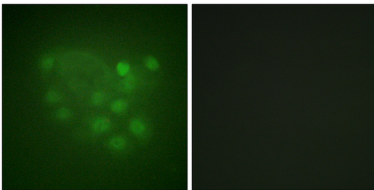
Background

kinesin family member 2C(KIF2C) Homo sapiens This gene encodes a kinesin-like protein that functions as a microtubule-dependent molecular motor. The encoded protein can depolymerize microtubules at the plus end, thereby promoting mitotic chromosome segregation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],function:Present throughout the cell cycle, associates with centromeres at early prophase, and remains associated with the centromere until after telophase.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the kinesin-like protein family.,similarity:Belongs to the kinesin-like protein family. MCAK/KIF2 subfamily.,similarity:Contains 1 kinesin-motor domain.,subunit:Interacts with CENPH.,tissue specificity:Expressed at high levels in thymus and testis, at low levels in small intestine, the mucosal lining of colon, and placenta, and at very low levels in spleen and ovary; expression is not detected in prostate, peripheral blood Leukocytes, heart, brain, lung, liver, skeletal muscle, kidney or pancreas.,

Research Area

Signal Transduction

Image Data



Immunofluorescence analysis of A549 cells, using KIF2C Antibody. The picture on the right is blocked with the synthesized peptide.