

产品名称: KIF2C (phospho Ser95) Rabbit Polyclonal Antibody
产品货号: APRab04920



产品概述 (Summary)

产品名称 (Production Name)	KIF2C (phospho Ser95) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	KIF2C
别名 (Alternative Names)	KIF2C; KNSL6; Kinesin-like protein KIF2C; Kinesin-like protein 6; Mitotic centromere-associated kinesin; MCAK
基因 ID (Gene ID)	11004.0
蛋白 ID (SwissProt ID)	Q99661.The antiserum was produced against synthesized peptide derived from human KIF2C around the phosphorylation site of Ser95. AA range:61-110

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	80kDa

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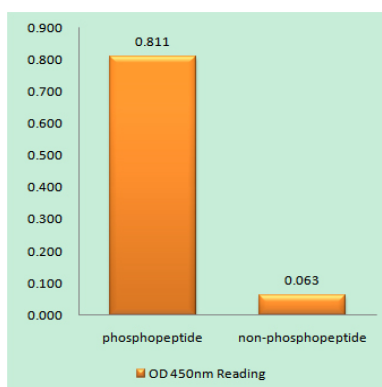
研究背景 (Background)

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.,

研究领域 (Research Area)

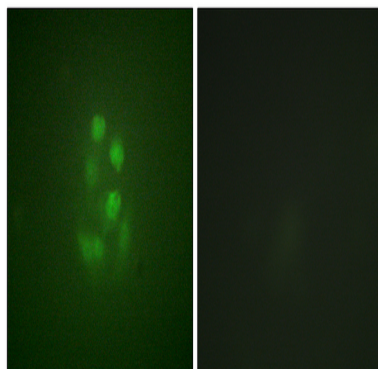
Signal Transduction

图片 (Image Data)

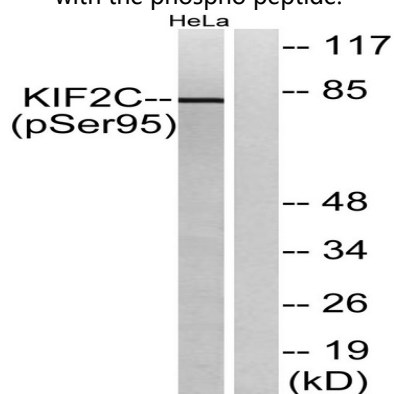


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using KIF2C (Phospho-Ser95) Antibody

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Immunofluorescence analysis of A549 cells, using KIF2C (Phospho-Ser95) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HeLa cells treated with TNF 10ng/ml 30 ', using KIF2C (Phospho-Ser95) Antibody. The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .