

产品名称: MARK4 Rabbit Polyclonal Antibody
产品货号: APRab13651



产品概述 (Summary)

产品名称 (Production Name)	MARK4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
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)	MARK4
别名 (Alternative Names)	MARK4; KIAA1860; MARKL1; MAP/microtubule affinity-regulating kinase 4; MAP/microtubule affinity-regulating kinase-like 1
基因 ID (Gene ID)	57787.0
蛋白 ID (SwissProt ID)	Q96L34.The antiserum was produced against synthesized peptide derived from human MARK4. AA range:461-510

产品应用 (Application)

稀释比 (Dilution Ratio)	ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	83kDa

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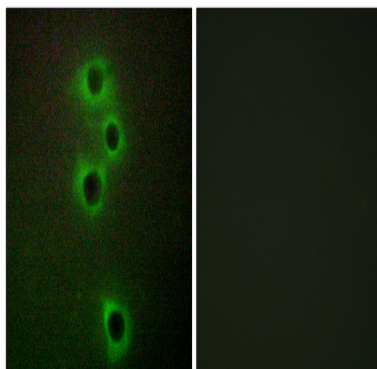
研究背景 (Background)

microtubule affinity regulating kinase 4(MARK4) Homo sapiens This gene encodes a member of the microtubule affinity-regulating kinase family. These protein kinases phosphorylate microtubule-associated proteins and regulate the transition between stable and dynamic microtubules. The encoded protein is associated with the centrosome throughout mitosis and may be involved in cell cycle control. Expression of this gene is a potential marker for cancer, and the encoded protein may also play a role in Alzheimer's disease. Pseudogenes of this gene are located on both the short and long arm of chromosome 3. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2010], catalytic activity: ATP + a protein = ADP + a phosphoprotein., similarity: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. MARK subfamily., similarity: Contains 1 KA1 (kinase-associated) domain., similarity: Contains 1 protein kinase domain., similarity: Contains 1 UBA domain., tissue specificity: Ubiquitous. Isoform 2 is brain-specific.,

研究领域 (Research Area)

Signal Transduction; Cytoskeleton / ECM; Cytoskeleton; Microtubules; MT Associated Proteins; MARK

图片 (Image Data)



Immunofluorescence analysis of A549 cells, using MARK4 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .