Product Name: MARK4 Rabbit Polyclonal Antibody
Catalog #: APRab13651

Summary

Production Name	MARK4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MARK4
Alternative Names	MARK4; KIAA1860; MARKL1; MAP/microtubule affinity-regulating kinase 4; MAP/microtubule affinity-regulating kinase-like 1
Gene ID	57787.0
SwissProt ID	Q96L34.The antiserum was produced against synthesized peptide derived from human MARK4. AA range:461-510

Application

Dilution Ratio	IF 1:200-1:1000. ELISA: 1:40000.
Molecular Weight	83kD

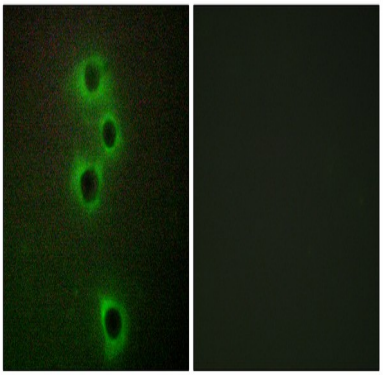
Background

Product Name: MARK4 Rabbit Polyclonal Antibody
Catalog #: APRab13651

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.,

Research Area

Image Data



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

Note

For research use only.