

MARK1/2/3/4 Polyclonal Antibody

Cat No: HR1AP3856

For research use only

Overview

Product Name	MARK1/2/3/4 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	89kDa
GeneID?Human?	MARK1/2/3/4
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	MARK1; KIAA1477; MARK; Serine/threonine-protein kinase MARK1; MAP/microtubule affinity-regulating kinase 1; PAR1 homolog c; Par-1c; Par1c; MARK2; EMK1; Serine/threonine-protein kinase MARK2; ELKL moti
Background	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-215 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:May play a role in cytoskeletal stability.,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.,subcellular location:Appears to localize to an intracellular network.,tissue specificity:Highly expressed in heart, skeletal muscle, brain, fetal brain and fetal kidney.,