



QIK/QSK mouse mAb

Catalog No	YP-mAb-12527
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SIK2 KIAA0781 QIK SNF1LK2
Immunogen	Synthesized peptide derived from human QIK/QSK
Specificity	This antibody detects endogenous levels of QIK/QSK at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.09% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SIK 2;salt inducible kinase 2;Qin induced kinase;QIK;LOH11CR11;QIK/QSK; SIK2 KIAA0781 QIK SNF1LK2;Serine/threonine-protein kinase SIK2 (EC 2.7.11.1) (Qin-induced kinase) (Salt-inducible kinase 2) (SIK-2) (Serine/threonine-protein kinase SNF1-like kinase 2)
Observed Band	103-110 kDa
Calculated Molecular Weight	926 aa, 104 kDa
Cell Pathway	Cytoplasm . Endoplasmic reticulum membrane .
Tissue Specificity	Brain,Colon,Lung,Testis,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein., cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-175 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:Phosphorylates 'Ser-794' of IRS1 in insulin-stimulated adipocytes, potentially modulating the efficiency of insulin signal transduction. Inhibits CREB activity by phosphorylating and repressing TORCs, the CREB-specific coactivators.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. AMPK subfamily., similarity:Contains 1 protein kinase domain.,similarity:Contains 1 UBA domain., subunit:Interacts with and phosphorylates TORC2/CRTC2.,



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images