



QIK/QSK rabbit pAb

Catalog No	YP-Ab-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	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SIK 2; salt inducible kinase 2; Qin induced kinase; QIK; LOH11CR1; 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