SIK2 Polyclonal Antibody

Catalog No	YP-Ab-06747
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	SIK2 KIAA0781 QIK SNF1LK2
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SIK2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SIK 2;salt inducible kinase 2;Qin induced kinase;QIK;LOH11CR1I;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.,

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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