

SIK (Phospho Thr182) rabbit pAb

Catalog No: YP1685

Reactivity: Human; Mouse; Rat

Applications: WB

Target: QIK/QSK

Fields: >>Glucagon signaling pathway

P57059

Q60670

Gene Name: SIK1 SIK SNF1LK

Protein Name: SIK (Phospho-Thr182)

Human Gene Id: 150094

Human Swiss Prot

Idiliali Swiss Flot

No:

Mouse Gene Id: 17691

Mouse Swiss Prot

No:

Rat Gene ld: 59329

Rat Swiss Prot No: Q9R1U5

Immunogen: Synthesized peptide derived from human SIK (Phospho-Thr182)

Specificity: This antibody detects endogenous levels of SIK (Phospho-Thr182) at Human,

Mouse,Rat

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000



Purification: The antibody was affinity-purified from rabbit serum by affinity-chromatography

using specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 86kD

Function: catalytic activity:ATP + a protein = ADP + a

phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-182 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:Transient role during the earliest stages of myocardial cell differentiation and/or primitive chamber formation and may also be important for the earliest stages of skeletal muscle growth and/or differentiation. Potential role in G2/M cell cycle regulation. Inhibits CREB activity by phosphorylating and repressing the CREB-specific coactivators,

CRTC1-3.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,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., subcellular location: Translocates to

the cytoplasm on phosp

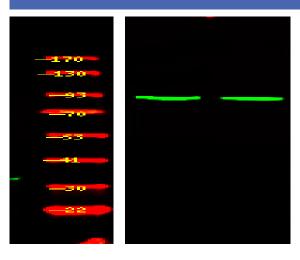
Subcellular Location:

Cytoplasm . Nucleus . Locates to cytoplasm when inactive following cAMP-

induced phosphorylation, probably by PKA (PubMed:29211348).

Expression : Fetal lung, Spleen, Testis,

Products Images



Western Blot analysis of 1 MCF-7 cell, 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000