

SIK2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14228
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Serine/threonine-protein kinase SIK2
Synonyms	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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.,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.,Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. AMPK subfamily.,Contains 1 protein kinase domain.,Contains 1 UBA domain.,subunit:Interacts with and phosphorylates TORC2/CRTC2.,

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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