

Anti-SIK2 antibody



Description	Unconjugated Rabbit polyclonal to SIK2
Model	STJ191985
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	23235
Gene Symbol	SIK2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	SIK2 Polyclonal Antibody detects endogenous levels of protein.
Purification	SIK2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Serine/threonine-protein kinase SIK2 Qin-induced kinase Salt-inducible kinase 2 SIK-2 Serine/threonine-protein kinase SNF1-like kinase 2
Molecular Weight	101 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:21680OMIM:608973
Alternative Names	Serine/threonine-protein kinase SIK2 Qin-induced kinase Salt-inducible kinase 2 SIK-2 Serine/threonine-protein kinase SNF1-like kinase 2
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.
Cellular Localization	Cytoplasm
Post-translational Modifications	Phosphorylated at Thr-175 by STK11/LKB1 in complex with STE20-related adapter-alpha (STRADA) pseudo kinase and CAB39. Acetylation at Lys-53 inhibits kinase activity. Deacetylated by HDAC6.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com