

SIK Antibody | anti-SIK antibody

SIK (Ab-182) Antibody

CATALOG # AAA110271	REACTIVITY Human (Identities = 100%, Positives = 100%);Rat (Identities = 92%, Positives = 92%)	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

SIK; SIK (Ab-182) Antibody; EC 2.7.11.1; salt-inducible kinase; serine/threonine-protein kinase SNF1-like kinase 1; serine/threonine-protein kinase SNF1LK; SN1L1; SNF1-like kinase; SNF1LK; anti-SIK antibody

PRODUCT SPECIFICATIONS

Reactivity	Human (Identities = 100%, Positives = 100%); Rat (Identities = 92%, Positives = 92%)
Specificity	SIK (Ab-182) antibody detects endogenous levels of total SIK protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Length	783
Applicable Applications for anti-SIK antibody	ELISA, WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human SIK around the phosphorylation site of threonine 182 (L-S-TP-W-C).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COLO cells, treated with PMA (125ng/ml, 30mins), using SIK (Ab-182) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SIK antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Lizcano J.M., EMBO J. 23:833-843(2004). Hattori M., Nature 405:311-319(2000). Ota T., Nat. Genet. 36:40-45(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	1002341713
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NCBI GeneID	102724428
NCBI Accession #	NP_001307572.1
NCBI GenBank Nucleotide #	NM_001320643.2
UniProt Accession #	P57059 ; Q5R2V5 ; Q6ZNL8 ; Q86YJ2 ; A6NC84
Molecular Weight	84,902 Da
NCBI Official Full Name	serine/threonine-protein kinase SIK1
NCBI Official Synonym Full Names	salt inducible kinase 1B (putative)
NCBI Official Symbol	SIK1B
NCBI Protein Information	serine/threonine-protein kinase SIK1
UniProt Protein Name	Serine/threonine-protein kinase SIK1
UniProt Gene Name	SIK1
UniProt Synonym Gene Names	SIK; SNF1LK; SIK-1; Serine/threonine-protein kinase SNF1LK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-rat-antibody/sik/110271>