

Rabbit SIK2 Polyclonal Antibody | anti-SIK2 antibody

SIK2 Antibody

CATALOG # AAA39925	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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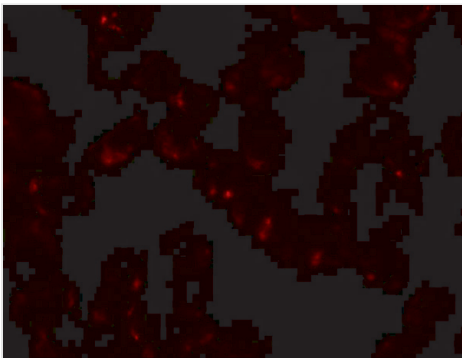
PRODUCT SYNONYMS

SIK2; Polyclonal Antibody; SIK2 Antibody; QIK; SNF1LK2; LOH11CR1I; KIAA0781; Qin-induced kinase; SIK-2; salt-inducible kinase 2; anti-SIK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SIK2 antibody is predicted to not cross-react with other SIK protein family members.
Purity/Purification	SIK2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	926
Applicable Applications for anti-SIK2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SIK2 antibody was raised against a 16 amino acid synthetic peptide near the center of human SIK2.
Buffer	SIK2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SIK2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

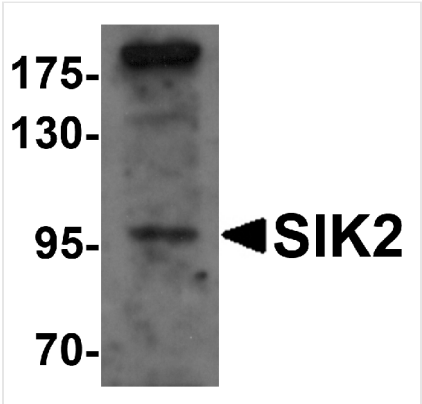
IMAGES



IF (Immunofluorescence)
Immunofluorescence of SIK2 in SW480 cells with SIK2 antibody at 5 µg/ml.



ICC (Immunocytochemistry)
Immunocytochemistry of SIK2 in SW480 cells with SIK2 antibody at 2.5 µg/ml.



WB (Western Blot)
Western blot analysis of SIK2 in SW480 cell lysate with SIK2 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SIK2 antibody

SIK2 Antibody: Salt-inducible kinase 2 (SIK2), like its closely related homolog SIK1, belongs AMPK subfamily of the Ser/Thr protein kinase family and negatively regulates CRE-binding protein (CREB) activity by phosphorylating the CREB-specific coactivator transducer of regulated CREB activity (TORC). SIK2 is thought to be part of a signaling cascade that regulates the expression and activity of the insulin-induced genes PGC-1 alpha and UCP-1 in brown adipocytes, impairment of which has been implicated in obesity and insulin resistance in human and animal models. SIK2 has also been reported as a key regulator for neuronal survival after ischemia, suppressing CREB-mediated gene expression after oxygen-glucose deprivation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38569460
NCBI GeneID	23235
NCBI Accession #	EAW67148
NCBI GenBank Nucleotide #	NM_015191.2
UniProt Accession #	Q9H0K1; O94878; Q17RV0; Q6AZE2; Q76N03; Q8NCV7; Q96CZ8; A8K5B8; B0YJ94
Molecular Weight	103,915 Da
NCBI Official Full Name	serine/threonine-protein kinase SIK2
NCBI Official Synonym Full Names	salt-inducible kinase 2
NCBI Official Symbol	SIK2

NCBI Official Synonym Symbols	QIK; SIK-2; SNF1LK2; LOH11CR1I
NCBI Protein Information	serine/threonine-protein kinase SIK2; SNF1-like kinase 2; qin-induced kinase; salt-inducible protein kinase 2; salt-inducible serine/threonine kinase 2; serine/threonine-protein kinase SNF1-like kinase 2
UniProt Protein Name	Serine/threonine-protein kinase SIK2
UniProt Gene Name	SIK2
UniProt Synonym Gene Names	; SIK-2
UniProt Entry Name	SIK2_HUMAN

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/polyclonal/sik2-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39925>