

Rabbit anti-Human SIK2 Polyclonal Antibody | anti-SIK2 antibody

Rabbit anti-SIK2 Antibody, Affinity Purified

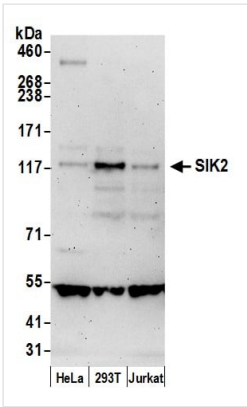
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211963	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

SIK2; Polyclonal Antibody; Rabbit anti-SIK2 Antibody; Affinity Purified; SIK-2; SNF1-like kinase 2; serine/threonine-protein kinase SNF1-like kinase 2; serine/threonine-protein kinase SIK2; salt-inducible serine/threonine kinase 2; LOH11CR1I; Salt-inducible kinase 2; qin-induced kinase; QIK; salt-inducible protein kinase 2; SNF1LK2; Serine/threonine-protein kinase SIK2; salt inducible kinase 2; anti-SIK2 antibody

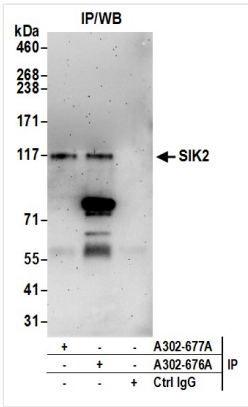
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SIK2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 600 and 650
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human SIK2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SIK2 antibody AAA211963 (lot AAA211963-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human SIK2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SIK2 antibody AAA211963 (lot AAA211963-2) used for IP at 3 ug per reaction. SIK2 was also immunoprecipitated by rabbit anti-SIK2 antibody For blotting immunoprecipitated SIK2, AAA211963 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-SIK2 antibody	Salt-inducible protein kinase 2 (SIK2) phosphorylates 'Ser-794' of IRS1 in insulin-stimulated adipocytes, potentially modulating the efficiency of insulin signal transduction. SIK2 inhibits CREB activity by phosphorylating and repressing TORCs, the CREB-specific coactivators [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9H0K1].
Product Categories/Family for anti-SIK2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38569460
NCBI GeneID	23235
NCBI Accession #	NP_056006.1
NCBI GenBank Nucleotide #	NM_015191.1
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; SNF1LK2; LOH11CR1I
NCBI Protein Information	serine/threonine-protein kinase SIK2; SIK-2; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/sik2-antibody-immunoprecipitation-western-blot-elisa/211963>