

ARG57588 anti-SIK2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes SIK2
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SIK2
Species	Human
Immunogen	Recombinant protein of Human SIK2.
Conjugation	Un-conjugated
Alternate Names	SNF1LK2; Serine/threonine-protein kinase SIK2; QIK; LOH11CR1I; Qin-induced kinase; Salt-inducible kinase 2; SIK-2; EC 2.7.11.1; Serine/threonine-protein kinase SNF1-like kinase 2

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2	

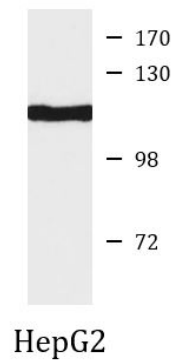
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SIK2
Gene Full Name	salt-inducible 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. [UniProt]
Calculated Mw	104 kDa
PTM	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. [UniProt]

Images



ARG57588 anti-SIK2 antibody WB image

Western blot: 25 µg of HepG2 cell lysate stained with ARG57588 anti-SIK2 antibody at 1:1000 dilution.