Rabbit anti-Human, mouse SNF1LK Polyclonal Antibody | anti-SIK1 antibody

SNF1LK Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284051	**Rabbit**	**Human, mouse**	**Western Blot, Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

SNF1LK; Polyclonal Antibody; SNF1LK Antibody (C-term); Serine/threonine-protein kinase SIK1; Salt-inducible kinase 1; SIK-1; Serine/threonine-protein kinase SNF1-like kinase 1; Serine/threonine-protein kinase SNF1LK; SIK1; SIK; anti-SIK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SNF1LK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 567-597 amino acids from the C-terminal region of human SNF1LK.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	567-597
Sequence Length	783
Applicable Applications for anti-SIK1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
SNF1LK Antibody (C-term) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the SNF1LK antibody detected the SNF1LK protein (arrow).

WB (Western Blot)
SNF1LK Antibody (C-term) western blot analysis in SK-BR-3 cell line lysates (35ug/lane).This demonstrates the SNF1LK antibody detected the SNF1LK protein (arrow).

IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-SIK1 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The STE group (homologs of yeast Sterile 7, 11, 20 kinases) consists of 50 kinases related to the mitogen-activated protein kinase (MAPK) cascade families (Ste7/MAP2K, Ste11/MAP3K, and Ste20/MAP4K). MAP kinase cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone response pathway. Pheromones bind to Ste cell surface receptors and activate yeast MAPK pathway.
Product Categories/Family for anti-SIK1 antibody	Cardiovascular; Cell biology; Signal transduction
References	Hattori, M., et al., Nature 405(6784):311-319 (2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256471
NCBI GeneID	150094
NCBI Accession #	NP_775490.2
NCBI GenBank Nucleotide #	NM_173354.3
UniProt Accession #	P57059; Q5R2V5; Q6ZNL8; Q86YJ2; A6NC84
Molecular Weight	84902
NCBI Official Full Name	serine/threonine-protein kinase SIK1
NCBI Official Synonym Full Names	salt-inducible kinase 1
NCBI Official Symbol	SIK1
NCBI Official Synonym Symbols	MSK; SIK; EIEE30; SNF1LK
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
UniProt Entry Name	SIK1_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/snf1lk-antibody-western-blot-immunohistochemistry-elisa/284051