

Rabbit anti-Human SIK1 Polyclonal Antibody | anti-SIK1 antibody

SIK1 Antibody

CATALOG # AAA40041	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

SIK1; Polyclonal Antibody; SIK1 Antibody; MSK; SIK; SNF1LK; Salt-inducible kinase 1; SIK-1; salt-inducible kinase 1; anti-SIK1 antibody

PRODUCT SPECIFICATIONS

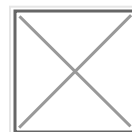
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Two isoforms of SIK1 are known to exist; this antibody will detect both isoforms. SIK1 antibody is predicted to not cross-react with other SIK protein family members.
Purity/Purification	SIK1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	783
Applicable Applications for anti-SIK1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SIK1 antibody was raised against an 18 amino acid synthetic peptide near the center of human SIK1.
Buffer	SIK1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SIK1 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



IHC (Immunohistochemistry)

Immunohistochemistry of SIK1 in human small intestine tissue with SIK1 antibody at 5 µg/mL.



WB (Western Blot)

Western blot analysis of SIK1 in human small intestine tissue lysate with SIK1 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SIK1 antibody	SIK1 Antibody: Salt-inducible kinase 1 (SIK1), also known as SNF1LK or MSK, plays a role in histone modification and G2/M cell cycle regulation. It is a 783 amino acid protein that contains one UBA domain and belongs to the Ser/Thr protein kinase family (AMPK subfamily). Localized to both the nucleus and the cytoplasm, SIK1 is a class II HDAC kinase that uses magnesium as a cofactor to catalyze the ATP-dependent phosphorylation of target proteins and is thought to be important for the early stages of skeletal muscle growth and myocardial cell differentiation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116256471
NCBI GeneID	150094
NCBI Accession #	NP_775490
NCBI GenBank Nucleotide #	NM_173354.3
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 1
NCBI Official Symbol	SIK1
NCBI Official Synonym Symbols	MSK; SIK; SNF1LK
NCBI Protein Information	serine/threonine-protein kinase SIK1; SIK-1; SNF1-like kinase; myocardial SNF1-like kinase; salt-inducible protein kinase 1; serine/threonine protein kinase; serine/threonine-protein kinase SNF1LK; serine/threonine-protein kinase SNF1-like kinase 1
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/sik1-antibody-immunohistochemistry-western-blot-elisa/40041>