

Chicken SIK3 Polyclonal Antibody | anti-SIK3 antibody

SIK3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39219	Chicken	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

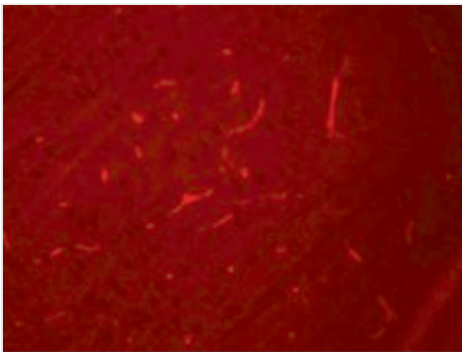
PRODUCT SYNONYMS

SIK3; Polyclonal Antibody; SIK3 Antibody; L19; QSK; SIK-3; KIAA0999; Salt-inducible kinase 3; SIK family kinase 3; anti-SIK3 antibody

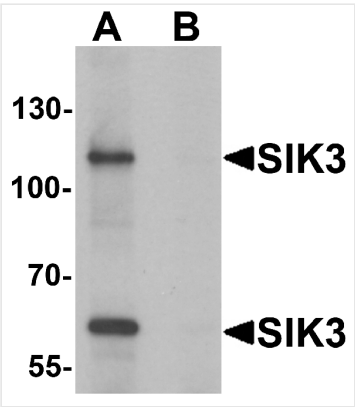
PRODUCT SPECIFICATIONS

Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgY
Specificity	At least three isoforms of SIK3 are known to exist; this antibody will detect two isoforms. SIK3 antibody is predicted to not cross-react with SIK1 and SIK2.
Purity/Purification	SIK3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1263
Applicable Applications for anti-SIK3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SIK3 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human SIK3.
Buffer	SIK3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SIK3 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 SIK3 in rat brain cells with SIK3 antibody at 20 µg/mL.



WB (Western Blot)
Western blot analysis of SIK3 in rat brain tissue lysate with SIK3 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SIK3 antibody	SIK3 Antibody: Salt-inducible kinase family (SIKs) proteins are thought to have a role in steroidogenesis, adipogenesis or regulation of tumor malignancy. Three members (SIK1, SIK2 and SIK3) in the SIK family have been identified thus far. Their kinase domain sequences are closely homologous to those of AMP-activated protein kinase (AMPK). SIK3 can be phosphorylated by a tumor-suppressor kinase LKB1. It is highly and preferentially expressed in ovarian tumors but not in adenomyosis and leiomyoma and may be a potential marker for ovarian cancers.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38569491
NCBI GeneID	23387
NCBI Accession #	NP_079440
NCBI GenBank Nucleotide #	NM_025164.3
UniProt Accession #	Q9Y2K2; Q59FY2; Q5M9N1; Q6P3R6; Q8IYM8; Q9HA50; A1A5A8
Molecular Weight	133,715 Da
NCBI Official Full Name	serine/threonine-protein kinase SIK3
NCBI Official Synonym Full Names	SIK family kinase 3
NCBI Official Symbol	SIK3
NCBI Official Synonym Symbols	L19; QSK; SIK-3
NCBI Protein Information	serine/threonine-protein kinase SIK3; salt-inducible kinase 3; serine/threonine-protein kinase QSK
UniProt Protein Name	Serine/threonine-protein kinase SIK3
UniProt Gene Name	SIK3
UniProt Synonym Gene Names	KIAA0999; QSK; SIK-3
UniProt Entry Name	SIK3_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.