KIAA0999 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KIAA0999, Polyclonal Antibody
Full Product Name	KIAA0999 (C-Term) Rabbit pAb
Product Gene Name	anti-KIAA0999 antibody
Product Synonym Names	Serine/threonine-protein kinase SIK3; Salt-inducible kinase 3; SIK-3; Serine/threonine-protein kinase QSK; SIK3; KIAA0999; QSK
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB09734
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Affinity Purified
OMIM	614776
3D Structure	ModBase 3D Structure for Q9Y2K2
Immunogen	This KIAA0999 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1233-1263 amino acids from the C-terminal region of human KIAA0999.
Cellular Localization	Cytoplasm
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KIAA0999 antibody	Western Blot (WB), Flow Cytometry (FC/FACS)
Application Notes for anti-KIAA0999 antibody	WB: 1:1000 FC/FACS: 1:10-50
Related Product Information for anti-KIAA0999 antibody	MBS8551523 is an antibody targeting KIAA0999. Also known as KIAA0999 (C-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-KIAA0999 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for KIAA0999. It may not necessarily be applicable to this product.

NCBI GI #	38569491
NCBI Accession #	NP_079440.2
UniProt Primary Accession #	Q9Y2K2
GenBank Nucleotide #	NP_079440.2

NCBI Official Full Name	serine/threonine-protein kinase SIK3
UniProt Protein Name	Serine/threonine-protein kinase SIK3
UniProt Synonym Protein Names	Salt-inducible kinase 3; SIK-3; Serine/threonine-protein kinase QSK
UniProt Gene Name	SIK3
UniProt Synonym Gene Names	KIAA0999; QSK; SIK-3
UniProt Entry Name	SIK3_HUMAN
UniProt Comments for KIAA0999	Catalytic activity: ATP + a protein = ADP + a phosphoprotein. Cofactor: Magnesium. Enzyme regulation: Activated by phosphorylation on Thr-163 By similarity. Ref.1 Subunit structure: Binds to and is activated by YWHAZ when phosphorylated on Thr-163. Ref.8 Subcellular location: Cytoplasm. Note: Locates to punctate structures within the cytoplasm on binding to YWHAZ. Ref.8 Post-translational modification: Phosphorylated at Thr-163 by STK11/LKB1 in complex with STE20-related adapter-alpha (STRADA) pseudo kinase and CAB39. Ref.1 Sequence similarities: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. SNF1 subfamily.Contains 1 protein kinase domain.Contains 1 UBA domain. Sequence caution: The sequence AAT06749.1 differs from that shown. Reason: Erroneous initiation. The sequence BAA76843.2 differs from that shown. Reason: Erroneous initiation. The sequence BAB14006.1 differs from that shown. Reason: Erroneous initiation.
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