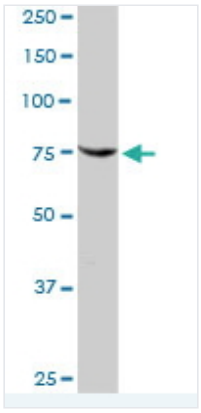
SNF1LK Antibody – Rabbit Polyclonal

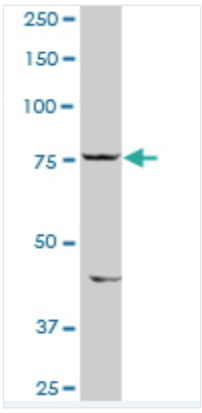
PRODUCT OVERVIEW

Product Name	SNF1LK, Polyclonal Antibody
Full Product Name	SNF1LK (Serine/Threonine Protein Kinase SIK1, Salt-inducible Protein Kinase 1, SIK-1, Serine/Threonine-protein Kinase SNF1-like Kinase 1, Serine/Threonine-protein Kinase SNF1LK, SIK1, SIK) (AP)
Product Gene Name	anti-SNF1LK antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified
Specificity	Recognizes human SNF1LK. Species Crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	84,902 Da
Immunogen	Full length recombinant protein corresponding to aa1-783 from human SNF1LK.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-SNF1LK antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-SNF1LK antibody	Western Blot (WB)
Application Notes for anti-SNF1LK antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-SNF1LK 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.
Other Notes	Small volumes of anti-SNF1LK 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.

Searchable Terms for SNF1LK purchase	MBS6499534 is an antibody targeting SNF1LK. Also known as SNF1LK (Serine/Threonine Protein Kinase SIK1, Salt-inducible Protein Kinase 1, SIK-1, Serine/Threonine-protein Kinase SNF1-like Kinase 1, Serine/Threonine-protein Kinase SNF1LK, SIK1, SIK) (AP). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-SNF1LK antibody
Western Blot analysis of SIK1 expression in human kidney using MBS625749.



Western Blot (WB) of anti-SNF1LK antibody
Western Blot analysis of SIK1 expression in mouse lung using MBS625749.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SNF1LK. It may not necessarily be applicable to this product.

NCBI GI #	23620492
NCBI GeneID	150094
NCBI Accession #	AAH38504.1
UniProt Secondary Accession #	Q5R2V5; Q6ZNL8; Q86YJ2; A6NC84
UniProt Related Accession #	P57059
NCBI Official Full Name	Salt-inducible kinase 1
NCBI Official Synonym Full Names	salt-inducible kinase 1
NCBI Official Symbol	SIK1
NCBI Official Synonym Symbols	MSK; SIK; SNF1LK
Protein Family	Serine/threonine-protein kinase
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
Research Articles on SNF1LK	**1.** These findings revealed a new function of LKB1 and salt-inducible kinases as negative regulators of HTLV-1 transcription.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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