

Rabbit anti-Human MAP3K13 (LZK) Polyclonal Antibody | anti-MAP3K13 antibody

MAP3K13 (LZK) Antibody (C-term) (S869)

CATALOG # AAA288150	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

MAP3K13 (LZK); Polyclonal Antibody; MAP3K13 (LZK) Antibody (C-term) (S869); Mitogen-activated protein kinase kinase kinase 13; Leucine zipper-bearing kinase; Mixed lineage kinase; MLK; MAP3K13 HGNC:6852; anti-MAP3K13 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAP3K13 (LZK) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 854-884 amino acids from the C-terminal region of human MAP3K13 (LZK).
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	854-884
Sequence Length	966
Applicable Applications for anti-MAP3K13 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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



IHC (Immunohistochemistry)

MAP3K13 (LZK) Antibody (C-term) (S869) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MAP3K13 (LZK) Antibody (C-term) (S869) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

LZK Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the LZK antibody detected the LZK protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MAP3K13 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the γ 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 tyrosine-like kinase (TLK) group consists of 40 tyrosine and serine-threonine kinases such as MLK (mixed-lineage kinase), LISK (LIMK/TESK), IRAK (interleukin-1 receptor-associated kinase), Raf, RIPK (receptor-interacting protein kinase), and STRK (activin and TGF- β receptors) families.
Product Categories/Family for anti-MAP3K13 antibody	Signal Transduction
References	Saiga, T. et al. Mol Cell Biol. 2009 July; 29(13): 3529-3543. Blume-Jensen P, et al. Nature 2001. 411: 355. Cantrell D, J. Cell Sci. 2001. 114: 1439. Jhian S Oncogene 2000. 19: 5590. Manning G, et al. Science 2002. 298: 1912. Moller, D, et al. Am. J. Physiol. 1994. 266: C351-C359. Robertson, S. et al. Trends Genet. 2000. 16: 368. Robinson D, et al. Oncogene 2000. 19: 5548. Vanhaesebroeck, B, et al. Biochem. J. 2000. 346: 561.

NCBI AND UNIPROT INFORMATION

NCBI GI #	334085268
NCBI GeneID	9175
NCBI Accession #	NP_001229243.1 ; NP_001229246.1 ; NP_004712.1
NCBI GenBank Nucleotide #	NM_001242314.1
UniProt Accession #	O43283 ; Q05BY6 ; Q15450 ; Q2NKN3 ; B2R6U2 ; B4DLE3 ; B4DMV2 ; B4DZJ4 ; D3DNU1
Molecular Weight	108296
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 13 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 13
NCBI Official Symbol	MAP3K13
NCBI Official Synonym Symbols	LZK; MLK; MEKK13
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 13
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 13
UniProt Gene Name	MAP3K13
UniProt Synonym Gene Names	MLK
UniProt Entry Name	M3K13_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/map3k13-lzk-antibody-immunohistochemistry-western-blot-elisa/288150>