10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LZK Polyclonal Antibody

Catalog # AP70793

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	O43283
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	108296

Additional Information

Gene ID	9175
Other Names	MAP3K13; LZK; Mitogen-activated protein kinase kinase kinase 13; Leucine zipper-bearing kinase; Mixed lineage kinase; MLK
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

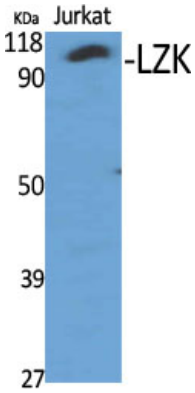
Name	MAP3K13 (HGNC:6852)
Function	Activates the JUN N-terminal pathway through activation of the MAP kinase kinase MAP2K7. Acts synergistically with PRDX3 to regulate the activation of NF-kappa-B in the cytosol. This activation is kinase-dependent and involves activating the IKK complex, the IKBKB- containing complex that phosphorylates inhibitors of NF-kappa-B.
Cellular Location	Cytoplasm. Membrane; Peripheral membrane protein
Tissue Location	Expressed in the adult brain, liver, placenta and pancreas, with expression strongest in the pancreas

Background

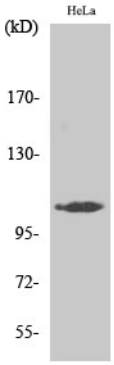
Activates the JUN N-terminal pathway through activation of the MAP kinase kinase MAP2K7. Acts synergistically with PRDX3 to regulate the activation of NF-kappa-B in the cytosol. This activation is

kinase-dependent and involves activating the IKK complex, the IKBKB-containing complex that phosphorylates inhibitors of NF-kappa-B.

Images



Western Blot analysis of various cells using LZK Polyclonal Antibody



Western Blot analysis of HepG2 cells using LZK Polyclonal Antibody