

产品名称: LZK Rabbit Polyclonal Antibody
产品货号: APRab13525



产品概述 (Summary)

产品名称 (Production Name)	LZK Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAP3K13
别名 (Alternative Names)	MAP3K13; LZK; Mitogen-activated protein kinase kinase 13; Leucine zipper-bearing kinase; Mixed lineage kinase; MLK
基因 ID (Gene ID)	9175.0
蛋白 ID (SwissProt ID)	O43283.The antiserum was produced against synthesized peptide derived from human M3K13. AA range:151-200

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	108kDa

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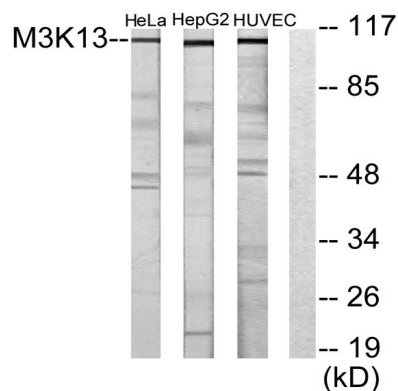
研究背景 (Background)

The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase contains a dual leucine-zipper motif, and has been shown to form dimers/oligomers through its leucine-zipper motif. This kinase can phosphorylate and activate MAPK8/JNK, MAP2K7/MKK7, which suggests a role in the JNK signaling pathway. [provided by RefSeq, Jul 2008], catalytic activity: ATP + a protein = ADP + a phosphoprotein., cofactor: Magnesium., enzyme regulation: Activated by autophosphorylation and homodimerization., 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., PTM: Autophosphorylated on serine and threonine residues., sequence caution: Translated as Tyr., sequence caution: Wrong choice of CDS., similarity: Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily., similarity: Contains 1 protein kinase domain., subunit: Homodimer; forms dimers through the leucine-zipper motif. Interacts with the C-terminus of MAPK8IP1 through the kinase catalytic domain. Binds PRDX3. Associates with the IKK complex through the kinase domain., tissue specificity: Expressed in the adult brain, liver, placenta and pancreas, with expression strongest in the pancreas.,

研究领域 (Research Area)

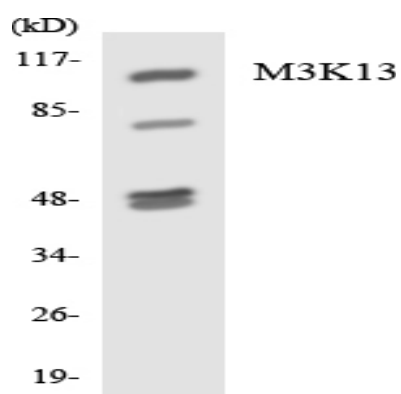
MAPK_ERK_Growth; MAPK_G_Protein;

图片 (Image Data)

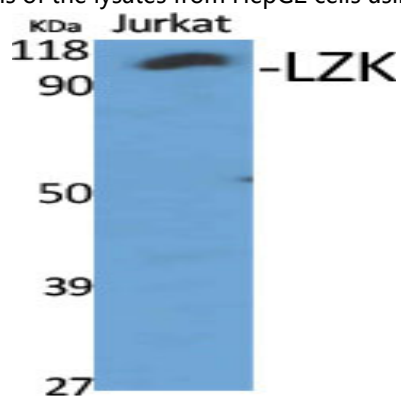


Western blot analysis of lysates from HeLa, HUVEC, and HepG2 cells, using M3K13 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HepG2 cells using M3K13 antibody.



Western Blot analysis of various cells using LZK Polyclonal Antibody



Western Blot analysis of HepG2 cells using LZK Polyclonal Antibody

注意事项 (Note)

For research use only .