
Product Name: GLK Rabbit Polyclonal Antibody**Catalog #: APRab11469**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight	101kDa

Antigen Information

Gene Name	MAP4K3 MAP4K3; RAB8IPL1; Mitogen-activated protein kinase kinase kinase kinase 3; Germinal
Alternative Names	center kinase-related protein kinase; GLK; MAPK/ERK kinase kinase kinase 3; MEK kinase kinase 3; MEKKK 3
Gene ID	8491.0
SwissProt ID	Q8IVH8
Immunogen	The antiserum was produced against synthesized peptide derived from human MAP4K3. AA range:10-59

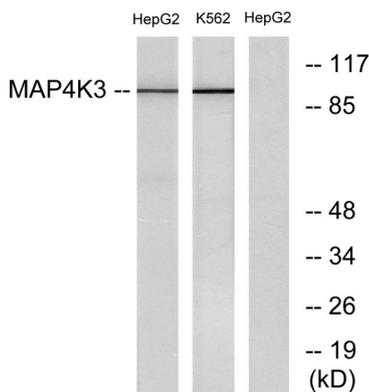
Background

mitogen-activated protein kinase kinase kinase kinase 3(MAP4K3) Homo sapiens This gene encodes a member of the mitogen-activated protein kinase kinase kinase kinase family. The encoded protein activates key effectors in cell signalling, among them c-Jun. Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012],catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,function:May play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 CNH domain.,similarity:Contains 1 protein kinase domain.,subunit:Interacts with SH3GL2. Interaction appears to regulate MAP4K3-mediated JNK activation.,tissue specificity:Ubiquitously expressed in all tissues examined, with high levels in heart, brain, placenta, skeletal muscle, kidney and pancreas and lower levels in lung and liver.,

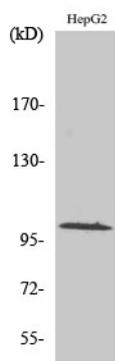
Research Area

MAPK_ERK_Growth;MAPK_G_Protein;

Image Data



Western blot analysis of lysates from HepG2 and K562 cells, using MAP4K3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GLK Polyclonal Antibody