Immunoway
Best Tools for immunology Research

GLK Polyclonal Antibody

Catalog No :	YT1915
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	GLK
Fields :	>>MAPK signaling pathway
Gene Name :	MAP4K3
Protein Name :	Mitogen-activated protein kinase kinase kinase kinase 3
Human Gene Id :	8491
Human Swiss Prot No :	Q8IVH8
Mouse Swiss Prot No :	Q99JP0
Rat Gene Id :	170920
Rat Swiss Prot No :	Q924I2
Immunogen :	The antiserum was produced against synthesized peptide derived from human MAP4K3. AA range:10-59
Specificity :	GLK Polyclonal Antibody detects endogenous levels of GLK protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 101kD

Cell Pathway : MAPK_ERK_Growth;MAPK_G_Protein;

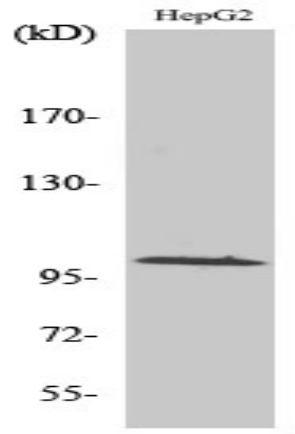
Background : mitogen-activated protein kinase kinase kinase kinase 3(MAP4K3) Homo sapiens This gene encodes a member of the mitogen-activated protein kinase kinase kinase kinase family. The encoded protein activates key effectors in cell signalling, among them c-Jun. Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012],

Function : 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.,

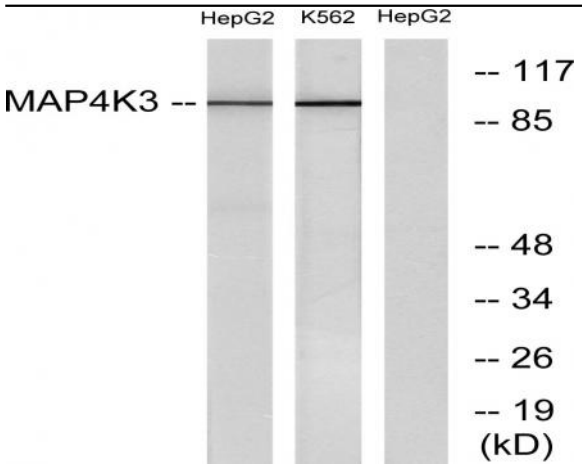
Subcellular Location : intracellular,cytoplasm,

Expression : 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.

Products Images



Western Blot analysis of various cells using GLK Polyclonal Antibody



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