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GLK Polyclonal Antibody
Catalog # AP70098

Specification

GLK Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q8IVH8
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

GLK Polyclonal Antibody - Additional Information

Gene ID 8491

Other Names
MAP4K3; RAB8IPL1; Mitogen-activated protein kinase kinase kinase kinase 3; Germinal center kinase-related protein kinase; GLK; MAPK/ERK kinase kinase kinase 3; MEK kinase kinase 3; MEKKK 3

Dilution
WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

GLK Polyclonal Antibody - Protein Information

Name MAP4K3 (HGNC:6865)

Synonyms RAB8IPL1

Function
Serine/threonine kinase that plays a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway (PubMed:9275185). Activator of the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. MAP4Ks act in parallel to and are partially redundant with STK3/MST2 and STK4/MST2 in the phosphorylation and activation of LATS1/2, and establish MAP4Ks as components of the expanded Hippo pathway (PubMed:26437443).

Tissue Location
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

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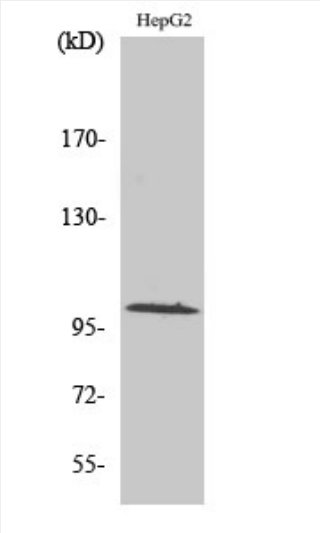
GLK Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GLK Polyclonal Antibody - Images



Western Blot analysis of various cells using GLK Polyclonal Antibody

GLK Polyclonal Antibody - Background

May play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway.