

## GLK Polyclonal Antibody Catalog # AP70098

### Specification

#### GLK Polyclonal Antibody - Product Information

Application	WB
Primary Accession	<a href="#">Q8IVH8</a>
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; MEKK3

##### 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°C

#### 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](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/26437443)).

##### Tissue Location

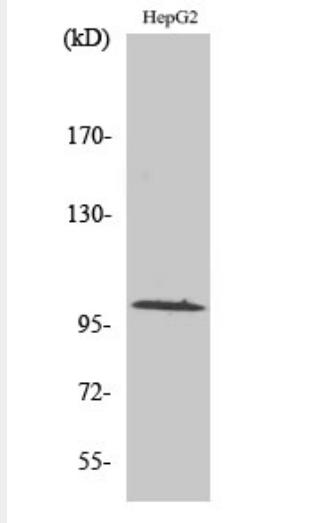
Ubiquitously expressed in all tissues examined, with high levels in heart, brain, placenta, skeletal muscle, kidney and pancreas and lower levels in lung and liver

## 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 Cytometry](#)
- [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.