

HGK Polyclonal Antibody
Catalog # AP70313**Specification**

HGK Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O95819
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

HGK Polyclonal Antibody - Additional Information**Gene ID** 9448**Other Names**

MAP4K4; HGK; KIAA0687; NIK; Mitogen-activated protein kinase kinase kinase 4;
HPK/GCK-like kinase HGK; MAPK/ERK kinase kinase 4; MEK kinase kinase 4; MEKKK 4;
Nck-interacting kinase

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. 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

HGK Polyclonal Antibody - Protein Information**Name** MAP4K4**Synonyms** HGK, KIAA0687, NIK**Function**

Serine/threonine kinase that may play a role in the response to environmental stress and cytokines such as TNF-alpha. Appears to act upstream of the JUN N-terminal pathway. Phosphorylates SMAD1 on Thr- 322.

Cellular Location

Cytoplasm.

Tissue Location

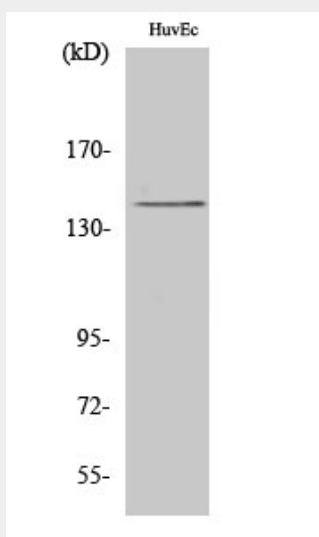
Widely expressed. Isoform 5 is abundant in the brain. Isoform 4 is predominant in the liver, skeletal muscle and placenta.

HGK 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](#)

HGK Polyclonal Antibody - Images



HGK Polyclonal Antibody - Background

Serine/threonine kinase that may play a role in the response to environmental stress and cytokines such as TNF-alpha. Appears to act upstream of the JUN N-terminal pathway. Phosphorylates SMAD1 on Thr-322.