

## HGK Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03959
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MEKKK 4. AA range:406-455
<b>Mol wt</b>	142101
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	HGK Antibody
<b>Synonyms</b>	MAP4K4; HGK; KIAA0687; NIK; Mitogen-activated protein kinase kinase kinase kinase 4; HPK/GCK-like kinase HGK; MAPK/ERK kinase kinase kinase 4; MEK kinase kinase 4; MEKKK 4; Nck-interacting kinase

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Mitogen-activated protein kinase kinase kinase kinase 4 encoded by MAP4K4 is a member of the serine/threonine protein kinase family. Mitogen-activated protein kinase kinase kinase kinase 4 has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative mutants of MAP3K7/TAK1, MAP2K4/MKK4, and MAP2K7/MKK7, which suggests that this kinase may function through the MAP3K7-MAP2K4-MAP2K7 kinase cascade, and mediate the TNF-alpha signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been identified.

### Recommended Dilution

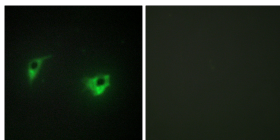
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

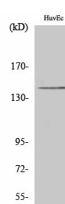
ELISA: 1: 40000

Not yet tested in other applications.

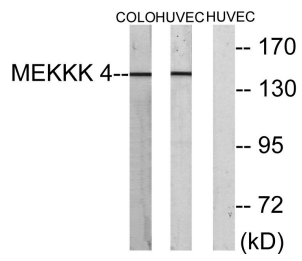
### Images



Immunofluorescence analysis of A549 cells, using MEKKK 4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using HGK Polyclonal Antibody



### Storage

-20°C for one year

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