



HGK rabbit pAb

Cat No.:ES2511

For research use only

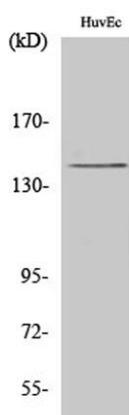
Overview

Product Name	HGK rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MEKKK 4. AA range:406-455
Specificity	HGK Polyclonal Antibody detects endogenous levels of HGK protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Mitogen-activated protein kinase kinase kinase 4
Gene Name	MAP4K4
Cellular localization	Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	142kD
Human Gene ID	9448
Human Swiss-Prot Number	O95819
Alternative Names	MAP4K4; HGK; KIAA0687; NIK; Mitogen-activated protein kinase kinase kinase 4; HPK/GCK-like kinase HGK; MAPK/ERK kinase kinase kinase 4; MEK kinase kinase 4; MEKKK 4; Nck-interacting kinase mitogen-activated protein kinase kinase kinase 4(MAP4K4) Homo sapiens The protein
Background	



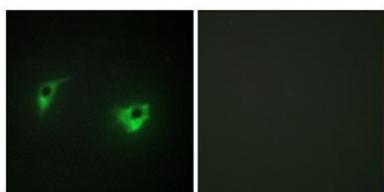


encoded by this gene is a member of the serine/threonine protein kinase family. This kinase has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative mutants of MAP3K7/TAK1, MAP2K4/MKK4, and MAP2K7/MKK7, which suggests 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. [provided by RefSeq, Jul 2008],



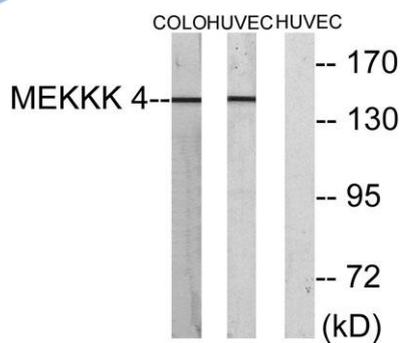
Western Blot analysis of various cells using HGK Polyclonal Antibody

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





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Western blot analysis of lysates from HUVEC and COLO cells, using MEKKK 4 Antibody. The lane on the right is blocked with the synthesized peptide.



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