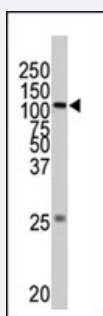


MAP3K1 polyclonal antibody

Catalog # PAB2272

Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of MAP3K1 polyclonal antibody (Cat # PAB2272) in HL-60 cell lysate. MAP3K1 (Arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MAP3K1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human MAP3K1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Immunohistochemistry

Gene Info — MAP3K1

Entrez GeneID	4214
Protein Accession#	Q13233
Gene Name	MAP3K1
Gene Alias	MAPKKK1, MEKK, MEKK1
Gene Description	mitogen-activated protein kinase kinase kinase 1
Omim ID	600982
Gene Ontology	Hyperlink
Gene Summary	MAP3K, or MEK kinase, is a serine/threonine kinase that occupies a pivotal role in a network of phosphorylating enzymes integrating cellular responses to a number of mitogenic and metabolic stimuli, including insulin (MIM 176730) and many growth factors.[supplied by OMIM]
Other Designations	MAP/ERK kinase kinase 1 MAPK/ERK kinase kinase 1 MEK kinase 1 OTTHUMP00000065818

Publication Reference

- [JNKK1 organizes a MAP kinase module through specific and sequential interactions with upstream and downstream components mediated by its amino-terminal extension.](#)

Xia Y, Wu Z, Su B, Murray B, Karin M.

Genes & Development 1998 Nov; 12(21):3369.

Application: WB-Tr, Monkey, COS-1 cells

- [Mapping of the MEK kinase gene \(Mekk\) to mouse chromosome 13 and human chromosome 5.](#)

Vinik BS, Kay ES, Fiedorek FT Jr.

Mammalian Genome 1995 Nov; 6(11):782.

Application: WB-Ce, WB-Tr, Human, Mammalian cells

Pathway

- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Invasiveness](#)

- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic Neoplasms](#)