

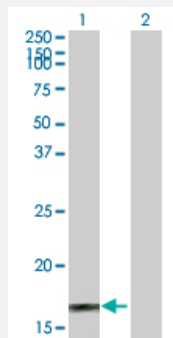
MaxPab®

MAP3K3 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00004215-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MAP3K3 expression in transfected 293T cell line ([H00004215-T02](#)) by MAP3K3 MaxPab polyclonal antibody.

Lane 1: MAP3K3 transfected lysate(9.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MAP3K3 protein.
Immunogen	MAP3K3 (AAH10464.1, 1 a.a. ~ 90 a.a) full-length human protein.
Sequence	MNEANVMLPYSGKEEPVLPVAMTLPLPGRGPRCGTAATEGGSSFVNAVVSVLQVGVTLMLYPV SKLETVCALWALSTPALGLGLGCIEKS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — MAP3K3

Entrez GeneID [4215](#)

GeneBank Accession# [BC010464.1](#)

Protein Accession# [AAH10464.1](#)

Gene Name MAP3K3

Gene Alias MAPKKK3, MEKK3

Gene Description mitogen-activated protein kinase kinase kinase 3

Omim ID [602539](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene product is a 626-amino acid polypeptide that is 96.5% identical to mouse Mekk3. Its catalytic domain is closely related to those of several other kinases, including mouse Mekk2, tobacco NPK, and yeast Ste11. Northern blot analysis revealed a 4.6-kb transcript that appears to be ubiquitously expressed. This protein directly regulates the stress-activated protein kinase (SAPK) and extracellular signal-regulated protein kinase (ERK) pathways by activating SEK and MEK1/2 respectively; it does not regulate the p38 pathway. In cotransfection assays, it enhanced transcription from a nuclear factor kappa-B (NFkB)-dependent reporter gene, consistent with a role in the SAPK pathway. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq]

Other Designations MAP/ERK kinase kinase 3|MAPK/ERK kinase kinase 3

Pathway

- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)