

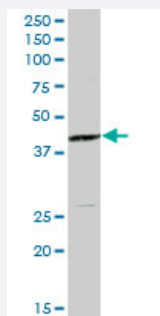
MaxPab®

MAP2K4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006416-B01P

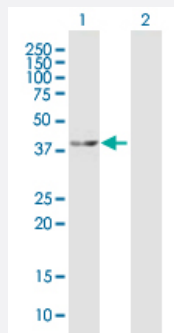
Size 50 ug

Applications



Western Blot (Tissue lysate)

MAP2K4 MaxPab polyclonal antibody. Western Blot analysis of MAP2K4 expression in human pancreas.

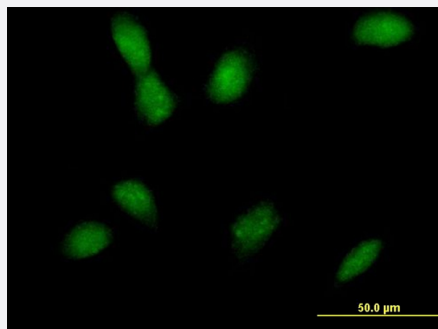


Western Blot (Transfected lysate)

Western Blot analysis of MAP2K4 expression in transfected 293T cell line ([H00006416-T01](#)) by MAP2K4 MaxPab polyclonal antibody.

Lane 1: MAP2K4 transfected lysate(43.89 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MAP2K4 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MAP2K4 protein.

Immunogen	MAP2K4 (AAH36032.1, 1 a.a. ~ 399 a.a) full-length human protein.
Sequence	MAAPSPSGGGGSGGGRSGTGPVGSPPAGHPAVSSMQGKRKALKLNANPPFKSTARFTLN PNPTGVQNPHIERLRTHSIESSGKLKISPEQHWDFTAEDLKDLGEIGRGAYGSVNKMVHKPSGQIM AVKRIRSTVDEKEQKQLMDLDVVMRSSDCPYVQFYGALFREGDCWICMELMSTSFDFKYKYVY SVLDDVIPPEEILGKITLATVKALNHLKENLKIHRDIKPSNILLDRSGNIKLCDFGISGQLVDSIAKTRDA GCRPYMAPERIDPSASRQGYDVRSVWVSLGITLYELATGRFPYPKWNSVFDQLTQVVKGDPQQL SNSEEREFSFNFVNLCLTKDESKRPKYKELLKHPFILMYEERAVEVACYVCKILDQMPATPSS PMYVD
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

- Western Blot (Tissue lysate)

MAP2K4 MaxPab polyclonal antibody. Western Blot analysis of MAP2K4 expression in human pancreas.

[Protocol Download](#)

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Western Blot analysis of MAP2K4 expression in transfected 293T cell line ([H00006416-T01](#)) by MAP2K4 MaxPab polyclonal antibody.

Lane 1: MAP2K4 transfected lysate(43.89 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to MAP2K4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MAP2K4

Entrez GeneID

[6416](#)

GeneBank Accession#

[BC036032.1](#)

Protein Accession#	AAH36032.1
Gene Name	MAP2K4
Gene Alias	JNKK, JNKK1, MAPKK4, MEK4, MKK4, PRKMK4, SEK1, SERK1
Gene Description	mitogen-activated protein kinase kinase 4
Omim ID	601335
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a dual specificity protein kinase that belongs to the Ser/Thr protein kinase family. This kinase is a direct activator of MAP kinases in response to various environmental stresses or mitogenic stimuli. It has been shown to activate MAPK8/JNK1, MAPK9/JNK2, and MAPK14/p38, but not MAPK1/ERK2 or MAPK3/ERK3. This kinase is phosphorylated, and thus activated by MAP3K1/MEKK. The knockout studies in mice suggested the roles of this kinase in mediating survival signal in T cell development, as well as in the organogenesis of liver. [provided by RefSeq]
Other Designations	JNK activating kinase 1 JNK-activated kinase 1 MAP kinase kinase 4 MAPK/ERK kinase 4 SAPK/ERK kinase 1 c-Jun N-terminal kinase kinase 1 dual specificity mitogen-activated protein kinase kinase 4

Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [GnRH signaling pathway](#)
- [MAPK signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pancreatic cancer](#)

- [Pancreatic Neoplasms](#)