

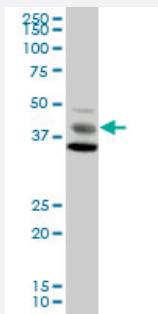
MaxPab®

MAPK8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005599-B01P

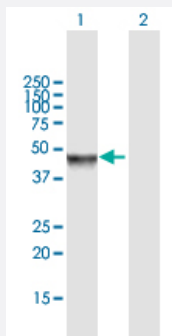
Size 50 ug

Applications



Western Blot (Tissue lysate)

MAPK8 MaxPab polyclonal antibody. Western Blot analysis of MAPK8 expression in rat brain.

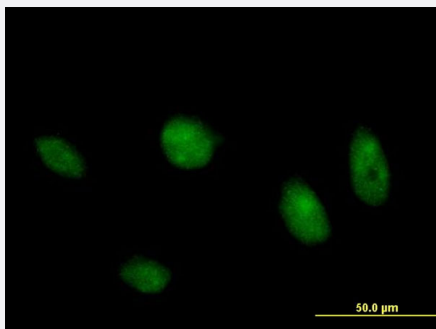


Western Blot (Transfected lysate)

Western Blot analysis of MAPK8 expression in transfected 293T cell line ([H00005599-T01](#)) by MAPK8 MaxPab polyclonal antibody.

Lane 1: MAPK8 transfected lysate(46.97 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MAPK8 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MAPK8 protein.

Immunogen	MAPK8 (NP_620637.1, 1 a.a. ~ 427 a.a) full-length human protein.
Sequence	MSRSKRDNNFYSEIGDSTFTVLKRYQNLKPIGSGAQGIVCAAYDAILERNVAIKKLSRPFQNQTHAKRAYRELVLMKCVNHKNIIGLLNVFTPQKSLEEFQDVYVIMELMDANLCQVIQMELDHERMSYLLYQMLCGIKHLHSAGIIHRDLKPSNIVVKSDDLKILDFGLARTAGTSFMMTPYVVTRYRAPEVILGMGYKENVDLWSVGCIMGEMVCHKILFPGRDYDQWNKVIEQLGTPCPEFMKKLQPTVRTYVENRPKYAGYSFEKLFDPDLFPADSEHNKLKASQARDLLSKMLVIDASKRISVDEALQHPYINVWYDPSEAEAPPPKIPDKQLDEREHTIEEWKELMYKEVMDLEERTKNGVIRGQPSPLGAAVINGSQHPSSSSSVNDVSSMSTDPTLASD TDSSLEAAAGPLGCCR
Host	Mouse
Reactivity	Human, Rat
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)

MAPK8 MaxPab polyclonal antibody. Western Blot analysis of MAPK8 expression in rat brain.

[Protocol Download](#)

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Western Blot analysis of MAPK8 expression in transfected 293T cell line ([H00005599-T01](#)) by MAPK8 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of [purified](#) MaxPab antibody to MAPK8 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MAPK8

Entrez GeneID [5599](#)

GeneBank Accession# [NM_139049](#)

Protein Accession#	NP_620637.1
Gene Name	MAPK8
Gene Alias	JNK, JNK1, JNK1A2, JNK21B1/2, PRKM8, SAPK1
Gene Description	mitogen-activated protein kinase 8
Omim ID	601158
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrome c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]</p>
Other Designations	JNK1 alpha protein kinase JNK1 beta protein kinase JUN N-terminal kinase OTTHUMP00000019552 OTTHUMP00000019555 OTTHUMP00000019556 OTTHUMP00000019558 c-Jun N-terminal kinase 1 mitogen-activated protein kinase 8 isoform JNK1 alpha1 mitogen-activated protein

Pathway

- [Adipocytokine signaling pathway](#)
- [Colorectal cancer](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Focal adhesion](#)
- [GnRH signaling pathway](#)
- [Insulin signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pancreatic cancer](#)

- [Pathways in cancer](#)
- [Toll-like receptor signaling pathway](#)
- [Type II diabetes mellitus](#)
- [Wnt signaling pathway](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)