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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MAPK8 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00005599-B01P

規格 : [50 ug]

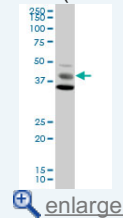
[List All](#)

Specification

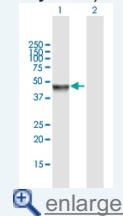
Product Description:	Mouse polyclonal antibody raised against a full-length human MAPK8 protein.
Immunogen:	MAPK8 (NP_620637.1, 1 a.a. ~ 427 a.a) full-length human protein.
Sequence:	MSRSKRDNFYSVEIGDSTFTVLKRYQNLKPIGSGAQQGIVCAAAYDAILER NVAIKKLSRPFQNQTHAKRAYRELVLKMCVNHKNIIGLLNVFTPQKSLEEF QDYYIVMELMDANLCQVIQMELDHERMSYLLYQMLCGIKHLHSAGIIHRDL KPSNIVKSDCTLKILDFGLARTAGTSFMMTPYVVTRYRRAPEVILGMGY KENVDLWSVGCIMGEMVCHKILFPGRDYIDQWNKIEQLGTPCPEFMKK LQPTVRTYVENRPKYAGYSFEKLFDPVLFPADSEHNKLGASQARDLLSK MLVIDASKRISVDEALQHPYINWYDPSEAEAPPPKIPDKQLDEREHTIEE WKELIYKEVMDLEERTKNGVIRGQPSPLGAAVINGSQHPSSSSSVNDVSS MSTDPTLASDTSLEAAAGPLGCCR
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.
MSDS:	Download
Datasheet:	Download

Application Image

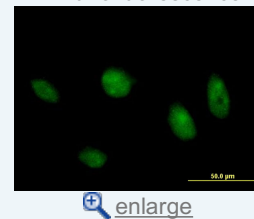
Western Blot (Tissue lysate)



Western Blot (Transfected lysate)

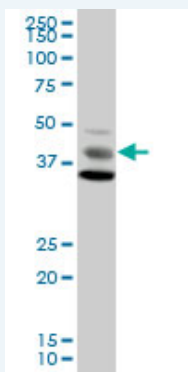


Immunofluorescence



Applications

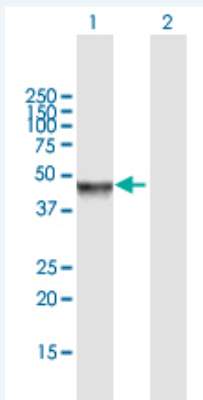
Western Blot (Tissue lysate)



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

[Protocol Download](#)

Western Blot (Transfected lysate)

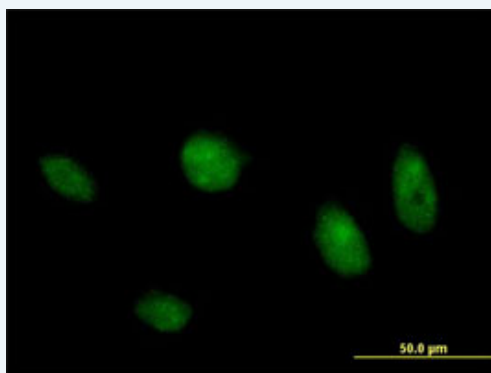


Western Blot analysis of MAPK8 expression in transfected 293T cell line ([H00005599-T01](#)) by MAPK8 MaxPab polyclonal antibody.

Lane 1: MAPK8 transfected lysate(46.97 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Immunofluorescence



[enlarge this image](#)

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

[Protocol Download](#)

Gene Information

Entrez GeneID: [5599](#)

GeneBank [NM_139049](#)
Accession#:

Protein [NP_620637.1](#)
Accession#:

Gene Name: MAPK8

Gene Alias: JNK,JNK1,JNK1A2,JNK21B1/2,PRKM8,SAPK1

Gene Description: mitogen-activated protein kinase 8

Omim ID: [601158](#)

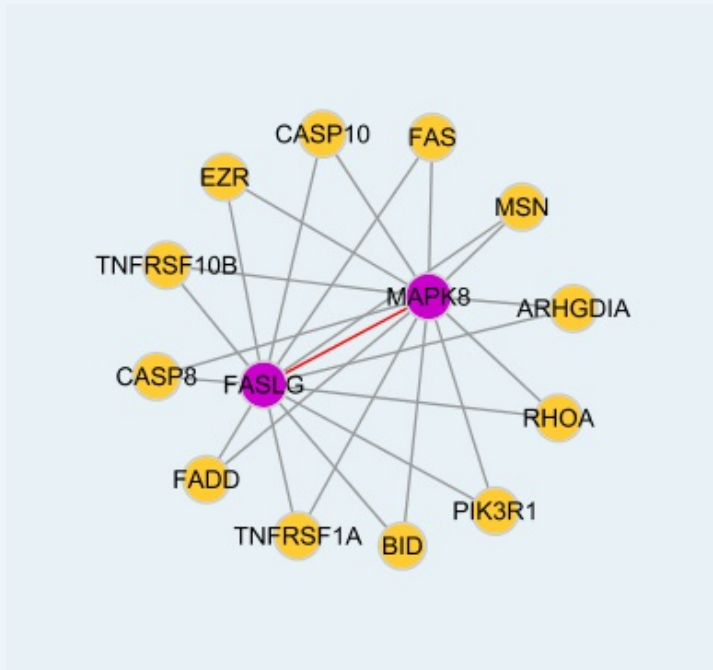
Gene Ontology: [Hyperlink](#)

Gene Summary: 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 cytochrom 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]

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

Interactome



Gene Pathway

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[Fc epsilon RI signaling pathway](#) [Focal adhesion](#) [GnRH signaling pathway](#)
[Insulin signaling pathway](#) [MAPK signaling pathway](#) [Neurotrophin signaling pathway](#)
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[Type II diabetes mellitus](#) [Wnt signaling pathway](#)

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