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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MAPK8 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00005599-D01P

規格 : [100 ug]

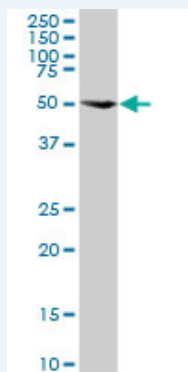
[List All](#)

Specification

Product Description:	Rabbit 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:	MSRSKRDNNFYVSVEIGDSTFTVLKRYQNLKPIGSGAQQGIVCAAAYDAILER NVAIKKLSRPFQNTAKRAYRELVLKMCVNHKNIIGLLNVFPTQKSLEEF QDVYVIMELMDANLCQVIQMELDHERMSYLLYQMLCGIKHLHSAGIIHRDL KPSNIVKSDCTLKILDFGLARTAGTSFMMTPYVVTRYRRAPEVILGMGY KENVDLWSVGCIMGEMVCHKILFPGRDYIDQWNKIEQLGTPCEPFMKK LQPTVRTYVENRPKYAGYSFEKLPDVLFPADSEHNKLGASQARDLLSK MLVIDASKRISVDEALQHPYINWYDPSEAEAPPKIPDKQLDEREHTIEE WKELIYKEVMDLEERTKNGVIRGQPSPLGAAVINGSQHPSSSSSVNDVSS MSTDPTLASDTSLEAAAGPLGCCR
Host:	Rabbit
Reactivity:	Human, Mouse
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

Applications

Western Blot (Tissue lysate)



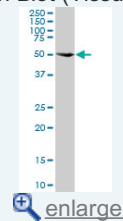
MAPK8 MaxPab rabbit polyclonal antibody. Western Blot analysis of MAPK8 expression in mouse lung.

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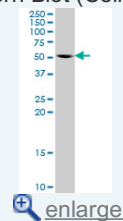
Western Blot (Cell lysate)

Application Image

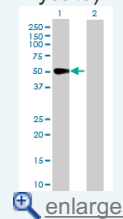
Western Blot (Tissue lysate)



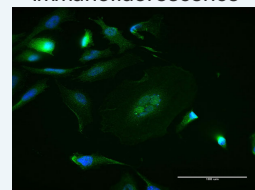
Western Blot (Cell lysate)



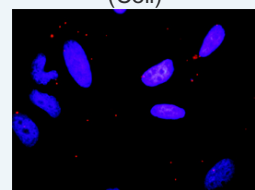
Western Blot (Transfected lysate)

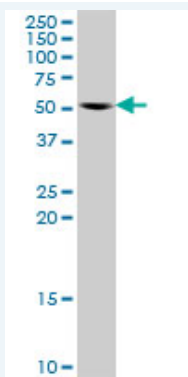


Immunofluorescence



In situ Proximity Ligation Assay (Cell)

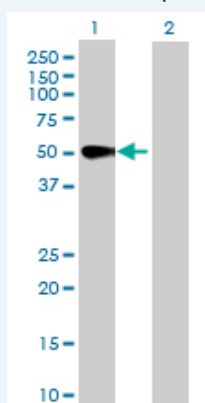




MAPK8 MaxPab rabbit polyclonal antibody. Western Blot analysis of MAPK8 expression in HeLa.


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Western Blot (Transfected lysate)

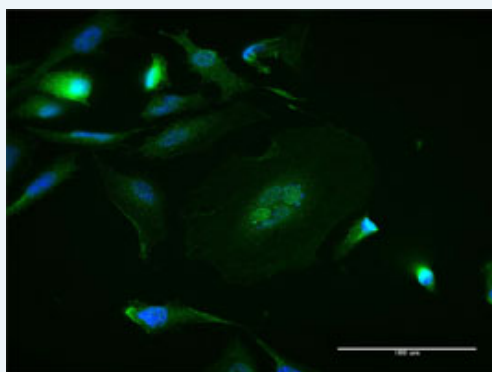


Western Blot analysis of MAPK8 expression in transfected 293T cell line ([H00005599-T01](#)) by MAPK8 MaxPab polyclonal antibody.

Lane 1: MAPK8 transfected lysate(48.30 kDa).
Lane 2: Non-transfected lysate.

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Immunofluorescence

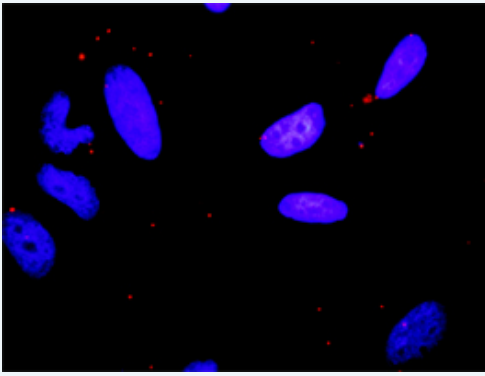


 [enlarge this image](#)

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

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In situ Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between MAPK8 and FASLG. HeLa cells were stained with anti-MAPK8 rabbit purified polyclonal 1:1200 and anti-FASLG mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

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

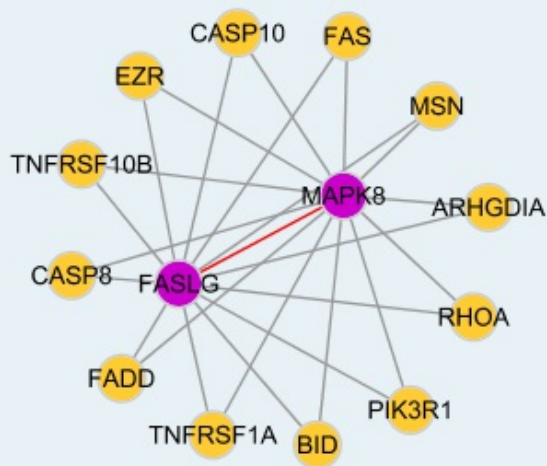
Omim ID: [601158](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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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[Epithelial cell signaling in Helicobacter pylori infection](#)
[ErbB signaling pathway](#)
[Fc epsilon RI signaling pathway](#)
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