



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## MAP2K7 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00005609-B01

規格 : [ 50 uL ]

[List All](#)

### Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human MAP2K7 protein.

**Immunogen:** MAP2K7 (AAH38295.1, 1 a.a. ~ 426 a.a) full-length human protein.

**Sequence:**  
 MAASSLEQKLSRLEAKLKQENREARRRIDLNLDISPQRPRPTLQLPLAND  
 GGSRSPPSESSPQHPTPPARPRHMLGLPSTLFTPRSMESIEIDQKLQEIM  
 KQTGYLTIGGQRYQAEINDLENLGEMGSGTCGQVWKMRFRTGHVIAV  
 KQMRRSGNKEENKRILMDLDVVLKSHDCPYVQCFGTFITNTDVFIAEML  
 MGTCAEKLKCRMQGPIPERILGKMTVAIVKALYYLKEKHGVIHRDVKPSNIL  
 LDERGQIKLCDFGISGRLVDSKAKTRSAGCAAYMAPERIDPPDPTKPDYD  
 IRADVWSLGISLPCSPSQVELATGQFPYKNCKTDFEVLTKVLQEEPLL  
 PGHMGFSGDFQSFVKDCLTKDHRKRPKYNKLEHSFIKRYETLEVDVAS  
 WFKDVMAKTESPRTSGVLSQPHLPFFR

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

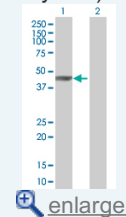
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

### Application Image

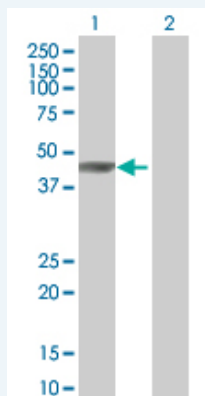
Western Blot (Transfected lysate)



 [enlarge](#)

### Applications

Western Blot (Transfected lysate)



Western Blot analysis of MAP2K7 expression in transfected 293T cell line (H00005609-T01) by MAP2K7 MaxPab polyclonal antibody.

Lane 1: MAP2K7 transfected lysate(46.86 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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## Gene Information

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**Entrez GeneID:** [5609](#)

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**GeneBank  
Accession#:** [BC038295.2](#)

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**Protein  
Accession#:** [AAH38295.1](#)

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**Gene Name:** MAP2K7

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**Gene Alias:** Jnkk2,MAPKK7,MKK7,PRKMK7

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**Gene  
Description:** mitogen-activated protein kinase kinase 7

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**Omim ID:** [603014](#)

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**Gene Ontology:** [Hyperlink](#)

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**Gene Summary:** The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase specifically activates MAPK8/JNK1 and MAPK9/JNK2, and this kinase itself is phosphorylated and activated by MAP kinase kinase kinases including MAP3K1/MEKK1, MAP3K2/MEKK2,MAP3K3/MEKK5, and MAP4K2/GCK. This kinase is involved in the signal transduction mediating the cell responses to proinflammatory cytokines, and environmental stresses. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found, but only one transcript variant has been supported and defined. [provided by RefSeq]

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**Other  
Designations:** JNK kinase 2,JNK-activating kinase 2,MAP kinase kinase 7,OTTHUMP00000174397,c-Jun N-terminal kinase kinase 2,dual specificity mitogen-activated protein kinase kinase 7

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## Gene Pathway

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[ErbB signaling pathway](#) [Fc epsilon RI signaling pathway](#) [GnRH signaling pathway](#)  
[MAPK signaling pathway](#) [Neurotrophin signaling pathway](#) [T cell receptor signaling pathway](#)  
[Toll-like receptor signaling pathway](#)

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