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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MAP2K5 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00005607-B01

規格 : [50 uL]

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Specification

Product Description: Mouse polyclonal antibody raised against a full-length human MAP2K5 protein.

Immunogen: MAP2K5 (NP_660143.1, 1 a.a. ~ 448 a.a) full-length human protein.

Sequence:
 MLWLALGPPFAMENQVLVIRIKIPNSGAVDWTVHSGPQLLFRDVLVDVIGQ
 VLPEATTTAFEYEDEDGDRITVRSDEEMKAMLSYYYSTVMEQQVNGQLI
 EPLQIFPRACKPPGERNIHGLKVNTRAGPSQHSPPAVSDSLPSNLSKKSS
 AELKKILANGQMNEQDIRYRDTLGHGNGGTVYKAYHVPSGKILAVKVILLD
 ITLELQKQIMSELEILYKCDSSYIGFYGAFFVENRISICTEFMDGGSLDVYR
 KMPEHVLGRIAVAVVKGLTYLWSLKILHRDVKPSNMLVNTRGQVKLCDF
 GVSTQLVNSIAKTYVGTNAYMAPERISGEQYGIHSDVWSLGISFMELALG
 RFPYPQIQKNQGSMLPLQLLQCIVDEDSPVLPVGEFSEPFVHFITQCMRK
 QPKERPAPEELMGHPFIVQFNDGNAAVVSMWVCRALREERSQQGPP

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.

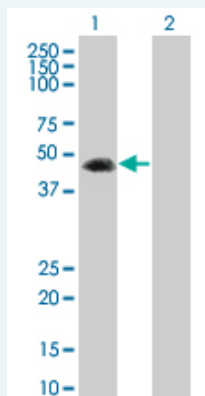
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

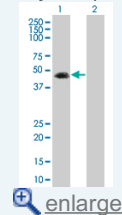
Western Blot (Transfected lysate)



Western Blot analysis of MAP2K5 expression in transfected 293T cell line (H00005607-T01) by MAP2K5 MaxPab polyclonal antibody.

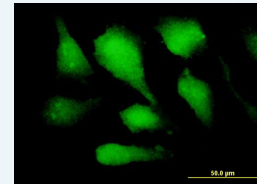
Application Image

Western Blot (Transfected lysate)



[enlarge](#)

Immunofluorescence

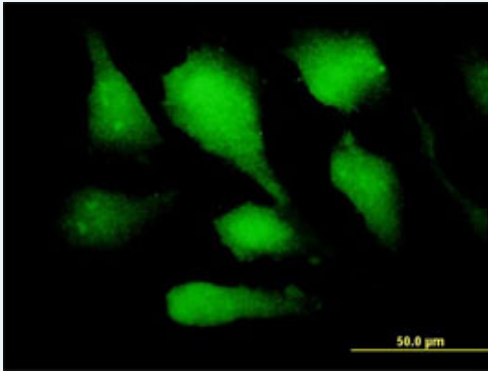


[enlarge](#)

Lane 1: MAP2K5 transfected lysate(49.28 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to MAP2K5 on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5607](#)

GeneBank [NM_145160.1](#)
Accession#:

Protein [NP_660143.1](#)
Accession#:

Gene Name: MAP2K5

Gene Alias: HsT17454,MAPKK5,MEK5,PRKMK5

Gene Description: mitogen-activated protein kinase kinase 5

Omim ID: [602520](#)

Gene Ontology: [Hyperlink](#)

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 interacts with and activates MAPK7/ERK5. This kinase itself can be phosphorylated and activated by MAP3K3/MEKK3, as well as by atypical protein kinase C isoforms (aPKCs). The signal cascade mediated by this kinase is involved in growth factor stimulated cell proliferation and muscle cell differentiation. Four alternatively spliced transcript variants of this gene encoding distinct isoforms have been described. [provided by RefSeq]

Other Designations: MAP kinase kinase MEK5b,MAPK/ERK kinase 5,dual specificity mitogen-activated protein kinase kinase 5

Gene Pathway

[Gap junction](#) [MAPK signaling pathway](#) [Neurotrophin signaling pathway](#)

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[Restless Legs Syndrome](#) [Tourette Syndrome](#)

