

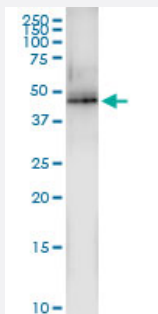
MaxPab®

MAP2K5 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005607-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of MAP2K5 transfected lysate using anti-MAP2K5 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MAP2K5 MaxPab mouse polyclonal antibody (B01) ([H00005607-B01](#)).

Specification

Product Description	Rabbit 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	MLWLALGPFAMENQVLVIRIKIPNSGAVDWTVHSGPQLLFRDVLVDVIGQVLPEATTTAFEYEDD GDRITVRSDEEMKAMLSYYSTVMEQQVNGQLIEPLQIFPRACKPPGERNIHGLKVNTRAGPSQHS SPAVSDSLPSNSLKKSSAELKKILANGQMNEQDIRYRTLGHGNGGTVYKAYHVP SGKILAVKVILL DITLQLQKQIMSELEILYKCDSSYIGFYGAFFVENRISICTEFMDGGSLDVYRKMP EHV LGRIAVAVV KGLTYLWSLKILHRDVKPSNMLVNTRGQVKLCDFGVSTQLVNSIAKTYVGTNAYMAPERISGEQYGI HSDVWSLGISFMELALGRFPYPQIQKNQGSLMPLQLLQCIVDEDSPVLPVGEFSEPFVHFITQCM RKQPKERPAP EELMGHPFVQFNDGNAAVVSMWVCRALEERRSQQGPP
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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.

Applications

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — MAP2K5

Entrez GeneID	5607
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GeneBank Accession#	NM_145160.1
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Protein Accession#	NP_660143.1
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Gene Name	MAP2K5
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Gene Alias	HsT17454, MAPKK5, MEK5, PRKMK5
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Gene Description	mitogen-activated protein kinase kinase 5
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Omim ID	602520
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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 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]
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Other Designations	MAP kinase kinase MEK5b MAPK/ERK kinase 5 dual specificity mitogen-activated protein kinase kinase 5
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Pathway

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

- [Neurotrophin signaling pathway](#)

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Neuropsychological Tests](#)
- [Nocturnal Myoclonus Syndrome](#)
- [Obsessive-Compulsive Disorder](#)
- [Restless Legs Syndrome](#)
- [Tourette Syndrome](#)