

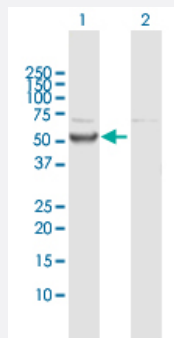
MaxPab®

MAPKAPK5 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00008550-D01

Size 100 uL

Applications

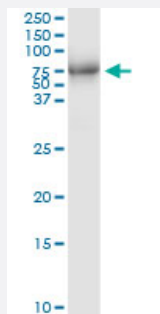


Western Blot (Transfected lysate)

Western Blot analysis of MAPKAPK5 expression in transfected 293T cell line ([H00008550-T02](#)) by MAPKAPK5 MaxPab polyclonal antibody.

Lane 1: MAPKAPK5 transfected lysate(54.00 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of MAPKAPK5 transfected lysate using anti-MAPKAPK5 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MAPKAPK5 purified MaxPab mouse polyclonal antibody (B01P) ([H00008550-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MAPKAPK5 protein.

Immunogen

MAPKAPK5 (NP_003659.2, 1 a.a. ~ 471 a.a) full-length human protein.

Sequence

MSEESDMDKAIKETSILEEYSINWTQKL GAGISGPVRV/CVKKSTQERFALKILLDRPKARNEVRLH
MMCATHPNIVQIIIEVFANSVQFPHESSPRARLLV MEMMEGGELFHRISQHRHFTEKQASQVTKQIA
LALRHCHLLNIAHRDLKPENLLFKDNSLDAPVKLCDFGFAKIDQGDLMT PQFTPYVAPQVLEAQR
RHQKEKSGI IPTSPTPYTYNKSCDLWSLGVIYVMLCGYPPFYSKHHSRTIPKDMRRKIMTGSFEFPE
EEWSQISEMAKD VVRKLLKVKPEERLTIEGVLDHPWLNSTEALDNVLP SAQLMMDKAVVAGIQQ
AHAEQLANMRIQDLKVSLKPLHSVNNPILRKRKLLG TKPKDSVYIHDHENGAE DSNVALEKLRDVI
AQCILPQAGENEDEKLNEVMQEAWKYNRECKLLRDTLQSFSWNGRGFTDKVDRLKLAENVKQVI
EEQTTSHESQ

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
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.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — MAPKAPK5

Entrez GeneID	8550
GeneBank Accession#	NM_003668.2
Protein Accession#	NP_003659.2
Gene Name	MAPKAPK5
Gene Alias	PRAK
Gene Description	mitogen-activated protein kinase-activated protein kinase 5
Omim ID	606723

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the serine/threonine kinase family. In response to cellular stress and proinflammatory cytokines, this kinase is activated through its phosphorylation by MAP kinases including MAPK1/ERK, MAPK14/p38-alpha, and MAPK11/p38-beta. In vitro, this kinase phosphorylates heat shock protein HSP27 at its physiologically relevant sites. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations

p38-regulated/activated protein kinase

Pathway

- [MAPK signaling pathway](#)