

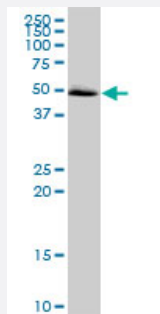
MaxPab®

# MAPKAPK5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008550-B01P

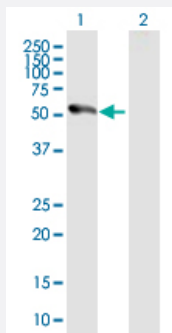
Size 50 ug

## Applications



### Western Blot (Cell lysate)

MAPKAPK5 MaxPab polyclonal antibody. Western Blot analysis of MAPKAPK5 expression in HeLa S3 NE.



### Western Blot (Transfected lysate)

Western Blot analysis of MAPKAPK5 expression in transfected 293T cell line ([H00008550-T01](#)) by MAPKAPK5 MaxPab polyclonal antibody.

Lane 1: MAPKAPK5 transfected lysate(51.81 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse 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

MSEESDMDKAIKETSILEEYSINWTQKLGAGISGPVRV/CVKKSTQERFALKILLDRPKARNEVRLH  
MMCATHPNIVQIEVFANSVQFPHESSPRARLLVMEMMEGGELFHRISQHRHFTEKQASQVTKQIA  
LALRHCHLLNIAHRDLKPENLLFKDNSLDAPVKLCDFGFAKIDQGDLMTQFPTPYVAPQVLEAQR  
RHQKEKSGIIPSTPTPYTNKSCDLWSLGVIIYVMLCGYPPFYSKHHSRTIPKDMRRKIMTGSFEFPE  
EEWSQISEMAKDVVRLKLLKVKEPERLTIEGVLDHPWLNSTEALDNVLPASQLMMDKAVVAGIQQ  
AHAEQLANMRIQDLKVSLLKPLHSVNNPILRKRKLLGTPKPKDSVYIHDHENGAEEDSNVALEKLRDVI  
AQCILPQAGENEDEKLNEVMQEAWKYNRECKLLRDTLQSFSWNGRGFTDKVDRLKLAENVKQVI  
EEQTTSHESQ

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

## Applications

- Western Blot (Cell lysate)

MAPKAPK5 MaxPab polyclonal antibody. Western Blot analysis of MAPKAPK5 expression in Hela S3 NE.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MAPKAPK5 expression in transfected 293T cell line ([H00008550-T01](#)) by MAPKAPK5 MaxPab polyclonal antibody.

Lane 1: MAPKAPK5 transfected lysate(51.81 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — MAPKAPK5

Entrez GeneID	<a href="#">8550</a>
GeneBank Accession#	<a href="#">NM_003668.2</a>
Protein Accession#	<a href="#">NP_003659.2</a>
Gene Name	MAPKAPK5
Gene Alias	PRAK
Gene Description	mitogen-activated protein kinase-activated protein kinase 5
Omim ID	<a href="#">606723</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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](#)