

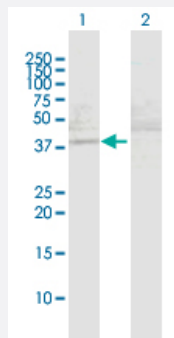
MaxPab®

MAPKAPK3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007867-D01P

Size 100 ug

Applications

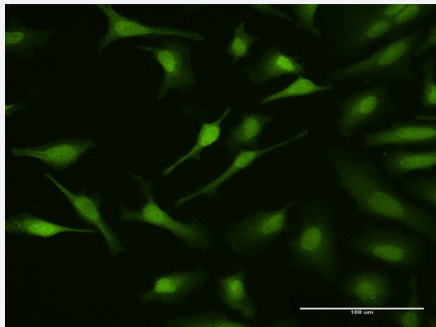


Western Blot (Transfected lysate)

Western Blot analysis of MAPKAPK3 expression in transfected 293T cell line ([H00007867-T02](#)) by MAPKAPK3 MaxPab polyclonal antibody.

Lane 1: MAPKAPK3 transfected lysate(43.00 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MAPKAPK3 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MAPKAPK3 protein.

Immunogen

MAPKAPK3 (NP_004626.1, 1 a.a. ~ 382 a.a) full-length human protein.

Sequence

MDGETAEEQGGPVPPPVAPGGPGLGGAPGGRREPKKYAVTDDYQLSKQVLGLGVNGKVLECF
HRRTGQKCALLLYDSPKARQEVDDHHWQASGGPHVCILDVYENMHGKRCLLIIMECEGGELF
SRIQERGDQAFTEREAAEIMRDIGTAIQFLHSHNIAHRDVKPENLLYTSKEKDAVLKLTDFGFAKET
TQNALQTPCYTPYVAPEVLGPEKYDKSCDMWSLGVIMYILLCGFPPFYSNTGQAISPGMKRRIRL
GQYGFPNPEWSEVSEDAKQLIRLLLTDPPTERTITQFMNHPWINQSMVVPQTPLHTARVLQEDK
DHWDEVKEEMTSALATMRVDYDQVKIKDLKTSNNRLLNKRRKKQAGSSSSASQGCNNQ

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (93)
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.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MAPKAPK3 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MAPKAPK3

Entrez GeneID	7867
GeneBank Accession#	NM_004635.3
Protein Accession#	NP_004626.1
Gene Name	MAPKAPK3
Gene Alias	3PK, MAPKAP3
Gene Description	mitogen-activated protein kinase-activated protein kinase 3
Omim ID	602130
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the Ser/Thr protein kinase family. This kinase functions as a mitogen-activated protein kinase (MAP kinase)- activated protein kinase. MAP kinases are also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This kinase was shown to be activated by growth inducers and stress stimulation of cells. In vitro studies demonstrated that ERK, p38 MAP kinase and Jun N-terminal kinase were all able to phosphorylate and activate this kinase, which suggested the role of this kinase as an integrative element of signaling in both mitogen and stress responses. This kinase was reported to interact with, phosphorylate and repress the activity of E47, which is a basic helix-loop-helix transcription factor known to be involved in the regulation of tissue-specific gene expression and cell differentiation. [provided by RefSeq]

Other Designations

MAPKAP kinase 3

Pathway

- [MAPK signaling pathway](#)
- [VEGF signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Schizophrenia](#)