DNAxPAb | Hard-to-Find Antibody

MAPKAPK3 DNAxPab

Catalog # H00007867-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MAPKAPK3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDGETAEEQGGPVPPPVAPGGPGLGGAPGGRREPKKYAVTDDYQLSKQVLGLGVNGKVLECF HRRTGQKCALKLLYDSPKARQEVDHHWQASGGPHIVCILDVYENMHHGKRCLLIIMECMEGGELF SRIQERGDQAFTEREAAEIMRDIGTAIQFLHSHNIAHRDVKPENLLYTSKEKDAVLKLTDFGFAKET TQNALQTPCYTPYYVAPEVLGPEKYDKSCDMWSLGVIMYILLCGFPPFYSNTGQAISPGMKRRIRL GQYGFPNPEWSEVSEDAKQLIRLLLKTDPTERLTITQFMNHPWINQSMVVPQTPLHTARVLQEDK DHWDEVKEEMTSALATMRVDYDQVKIKDLKTSNNRLLNKRRKKQAGSSSASQGCNNQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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 mito gen-activated protein kinase (MAP kinase)- activated protein kinase. MAP kinases are also know n as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple bioche mical 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 integ rative element of signaling in both mitogen and stress responses. This kinase was reported to int eract with, phosphorylate and repress the activity of E47, which is a basic helix-loop-helix transcri ption factor known to be involved in the regulation of tissue-specific gene expression and cell diffe rentiation. [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