

DNAxPAb

Hard-to-Find
Antibody

MAPKAPK2 DNAxPab

Catalog # H00009261-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MAPKAPK2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLSNSQGGQSPVPFPAPAPPPQPPTPALPHPPAQPPPPPPQQFPQFHVKSGLQIKKNAIIDDYKV TSQVLGLGINGKVLQIFNKRTQEKFALKMLQDCPKARREVELHWRASQCPHVRMDVYENLYAGR KCLLIVMECLDGGELFSRIQDRGDQAFTEREASEIMKSIGEAQYLHSINIAHRDVKPENLLYTSKRP NAILKLTDFGFAKETTSHNSLTTPCYTPYYVAPEVLGPEKYDKSCDMWSLGVIMYILLCGYPPFYNS HGLAISPGMKTRIRMGQYEFNPPEWSEVSEEVKMLIRNLLKTEPTQRMTEFMNHPWIMQSTKVP QTPLHTSRVLKEDKERWEDVKEEMTSALATMRVDYEQIKKIEDASNPLLLKRRKKARALEAAAL AH
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 — MAPKAPK2

Entrez GeneID	9261
GeneBank Accession#	NM_032960.2
Protein Accession#	NP_116584.2
Gene Name	MAPKAPK2
Gene Alias	MK2
Gene Description	mitogen-activated protein kinase-activated protein kinase 2
Omim ID	602006
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Ser/Thr protein kinase family. This kinase is regulated through direct phosphorylation by p38 MAP kinase. In conjunction with p38 MAP kinase, this kinase is known to be involved in many cellular processes including stress and inflammatory responses, nuclear export, gene expression regulation and cell proliferation. Heat shock protein HSP27 was shown to be one of the substrates of this kinase in vivo. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000034531 OTTHUMP00000034532

Pathway

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