

DNAxPAb

Hard-to-Find
Antibody

MAPK10 DNAxPab

Catalog # H00005602-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MAPK10 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSLHFLYYCSEPTLDVKIAFCQGFDKQVDVSYIAKHYNMSKSKVDNQFY SVEVG DSTFTVLKRYQ NLKPIGSGAQQGIVCAAYDAVLDRNVAIKKLSRPFQNQTHAKRAYREL VLMKCVNHKNIISLLNVFTP QKTLEEFQDVYLVME LMDANLCQVIQMELDHERMSYLLYQMLCGIKHLHSAGIIHRDLKPSNIVKS DCTLKILDFGLARTAGTSFMMTPYVVTRYRAPEVILGMGYKENVDWSVGCIMGEMVRHKILFPGR DYDQWNKVIEQLGTPCPEFMKKLQPTVRNYVENRPKYAGLTFPKLFPDSLFPADSEHNKLKASQ ARDLLSKMLVIDPAKRISVDDALQHPYINVWYDPAEVEAPPPQYDKQLDEREHTIEEWKELYKEV MNSEKTKNGVVKGQPSPSAQVQQ
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 — MAPK10

Entrez GeneID	5602
GeneBank Accession#	NM_002753.2
Protein Accession#	NP_002744.1
Gene Name	MAPK10
Gene Alias	FLJ12099, FLJ33785, JNK3, JNK3A, MGC50974, PRKM10, p493F12, p54bSAPK
Gene Description	mitogen-activated protein kinase 10
Omim ID	602897 606369
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This protein is a neuronal-specific form of c-Jun N-terminal kinases (JNKs). Through its phosphorylation and nuclear localization, this kinase plays regulatory roles in the signaling pathways during neuronal apoptosis. Beta-arrestin 2, a receptor-regulated MAP kinase scaffold protein, is found to interact with, and stimulate the phosphorylation of this kinase by MAP kinase kinase 4 (MKK4). Cyclin-dependent kinase 5 can phosphorylate, and inhibit the activity of this kinase, which may be important in preventing neuronal apoptosis. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]
Other Designations	JNK3 alpha protein kinase MAP kinase OTTHUMP00000161180 OTTHUMP00000161182 OTTHUMP00000161183 c-Jun N-terminal kinase 3 c-Jun kinase 3 stress activated protein kinase JNK3 stress activated protein kinase beta

Pathway

- [Adipocytokine signaling pathway](#)
- [Colorectal cancer](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)

- [Focal adhesion](#)
- [GnRH signaling pathway](#)
- [Insulin signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Toll-like receptor signaling pathway](#)
- [Type II diabetes mellitus](#)
- [Wnt signaling pathway](#)

Disease

- [HIV Infections](#)