

DNAXPAb

Hard-to-Find
Antibody

MAP3K8 DNAXPab

Catalog # H00001326-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MAP3K8 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MEYMSTGSDNKEEIDLLIKHLNVSDVIDIMENLYASEEPAVYEPSLMTMCQDSNQNDERSKSLLLS GQEV PWLSSVRYGTVEDLLAFANHISNTAKHFY GQRPQESGILLNMVITPQNGRYQIDSDVLLIPWK LTYRNIGSDFIPRGAFGKVYLAQDIKTKKRMACKLIPVDQFKPSDVEIQACFRHENIAELYGAVLWG ETVHLFMEAGEGGSVLEKLESCGPMREFEIMVTKHVLKGLDFLHKKVIHHDIKPSNIVFMSTKA VLVDFGLSVQMTEDVYFPKDLRGTEIYMSPEVILCRGHSTKADIYSLGATLIHMQTGTPPWVKRYP RSAYPSYLYIHKQAPPLIEDIADDCSPGMRELIEASLERNPNHRPRAADLLKHEALNPPREDQPRC QSLDSALLERKRLLSRKELELPENIADSSCTGSTEESEMLKRQRSLYIDL GALAGYFNLVRGPPTL EYG
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 — MAP3K8

Entrez GeneID [1326](#)

GeneBank Accession# [NM_005204.2](#)

Protein Accession# [NP_005195.2](#)

Gene Name MAP3K8

Gene Alias COT, EST, ESTF, FLJ10486, TPL2, Tpl-2, c-COT

Gene Description mitogen-activated protein kinase kinase kinase 8

Omim ID [191195 211980](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene was identified by its oncogenic transforming activity in cells. The encoded protein is a member of the serine/threonine protein kinase family. This kinase can activate both the MAP kinase and JNK kinase pathways. This kinase was shown to activate I kappa B kinases, and thus induce the nuclear production of NF-kappa B. This kinase was also found to promote the production of TNF-alpha and IL-2 during T lymphocyte activation. Studies of a similar gene in rat suggested the direct involvement of this kinase in the proteolysis of NF-kappa B1,p105 (NFKB1). This gene may also utilize a downstream in-frame translation start codon, and thus produce an isoform containing a shorter N-terminus. The shorter isoform has been shown to display weaker transforming activity. [provided by RefSeq]

Other Designations Cancer Osaka thyroid oncogene|Ewing sarcoma transformant|OTTHUMP00000019392|OTTHUMP00000019393|cot (cancer Osaka thyroid) oncogene|proto-oncogene serine/threonine protein kinase|tumor progression locus-2

Pathway

- [MAPK signaling pathway](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)