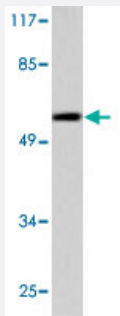


# MAP3K8 polyclonal antibody

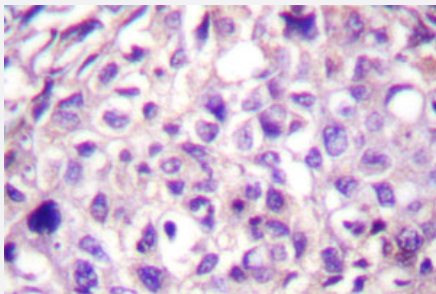
Catalog # PAB27042      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of MAP3K8 polyclonal antibody (Cat # PAB27042) in extracts from 293 cells treated with LPS 100 ng/mL 30'.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of MAP3K8 polyclonal antibody (Cat # PAB27042) in paraffin-embedded human brain tissue.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of MAP3K8.
<b>Immunogen</b>	A synthetic peptide corresponding to human MAP3K8.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	60
<b>Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	MAP3K8 polyclonal antibody detects endogenous levels of MAP3K8 protein.
<b>Form</b>	Liquid

<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (0.05% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of MAP3K8 polyclonal antibody (Cat # PAB27042) in extracts from 293 cells treated with LPS 100 ng/mL 30'.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of MAP3K8 polyclonal antibody (Cat # PAB27042) in paraffin-embedded human brain tissue.

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — MAP3K8

<b>Entrez GeneID</b>	<a href="#">1326</a>
<b>Protein Accession#</b>	<a href="#">P41279</a>
<b>Gene Name</b>	MAP3K8
<b>Gene Alias</b>	COT, EST, ESTF, FLJ10486, TPL2, Tpl-2, c-COT
<b>Gene Description</b>	mitogen-activated protein kinase kinase kinase 8
<b>Omim ID</b>	<a href="#">191195</a> <a href="#">211980</a>

## 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](#)