MAP3K8 (phospho S400) polyclonal antibody

Catalog # PAB29208 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

Immunohistochemical staining of human brain tissue by MAP3K8 (phospho S400) polyclonal antibody (Cat # PAB29208) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

Specification	
Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human MAP3K8.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S400 of hu man MAP3K8.
Host	Rabbit
Theoretical MW (kDa)	52
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of MAP3K8 only when phosphorylated at serine 400.
Form	Liquid

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Product Information

Purification	Affinity purification
Recommend Usage	Immunohistochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (without Mg^{2+} and Ca^{2+}), (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Avoid repeated freezing and thawing.

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Gene Info — MAP3K8

Entrez GenelD	<u>1326</u>
Protein Accession#	<u>P41279</u>
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	<u>191195 211980</u>
Gene Ontology	<u>Hyperlink</u>
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 kina se and JNK kinase pathways. This kinase was shown to activate lkappaB kinases, and thus induc e the nuclear production of NF-kappaB. 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-kappaB1,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 OTTHU MP00000019393 cot (cancer Osaka thyroid) oncogene proto-oncogene serine/threoine protein ki nase tumor progression locus-2

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Pathway

- MAPK signaling pathway
- <u>T cell receptor signaling pathway</u>
- Toll-like receptor signaling pathway

Disease

- <u>Alzheimer Disease</u>
- Genetic Predisposition to Disease
- <u>Tobacco Use Disorder</u>