

Product datasheet for **TA329167**

MAP3K8 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MAP3K8 antibody: synthetic peptide directed towards the C terminal of human MAP3K8. Synthetic peptide located within the following region: PRCQLDSALLERKRLLSRKELELPENIADSSCTGSTESEMLKRQRSLY
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53 kDa
Gene Name:	mitogen-activated protein kinase kinase kinase 8
Database Link:	NP_005195 Entrez Gene 1326 Human P41279
Background:	MAP3K8 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 κ B kinases, and thus induce the nuclear production of NF- κ B. This kinase was also found to promote the production of TNF- α 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- κ 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.



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Synonyms:	AURA2; c-COT; COT; EST; ESTF; MEKK8; Tpl-2; TPL2
Note:	Immunogen sequence homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Pig: 92%; Mouse: 92%; Guinea pig: 92%; Rabbit: 77%
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	MAPK signaling pathway, T cell receptor signaling pathway, Toll-like receptor signaling pathway

Product images:

WB Suggested Anti-MAP3K8 Antibody Titration:
2.5ug/ml; ELISA Titer: 1:1562500; Positive Control:
Jurkat cell lysate