

Anti-MAP3K8 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 53 kDa. Actual: 53 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample:
	HepG2 (Human) Cell Lysate at 30 µg
	U937 (Human) Cell Lysate at 30 µg
	Hela (Human) Cell Lysate at 30 µg
	Cerebrum (Mouse) Lysate at 40 µg
	Primary: Anti-MAP3 k8 (TMAB-08574) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 53 kD
	Observed band size: 53 kD
	2. Sample:
Lane 1: Cerebrum (Mouse) Tissue Lysate at 40 µg	
Lane 2: Cerebrum (Rat) Tissue Lysate at 40 µg	
Lane 3: A431 (Human) Cell Lysate at 30 µg	
Primary: Anti-MAP3 k8 (TMAB-08574) at 1/1000 dilution	
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution	
Predicted band size: 53 kD	
Observed band size: 50 kD	
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human MAP3K8
Antigen Species:	Human
Gene ID:	1326
Uniprot ID:	P41279

Research Background

This gene is an oncogene that encodes a member of the serine/threonine protein kinase family. The encoded protein localizes to the cytoplasm and can activate both the MAP kinase and JNK kinase pathways. This protein was

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shown to activate I κ B kinases, and thus induce the nuclear production of NF- κ B. This protein was also found to promote the production of TNF- α and IL-2 during T lymphocyte activation. 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. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2011]

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