

Product datasheet for **TA325641**

MEK3 (MAP2K3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human MKK3 around the phosphorylation site of Serine 189
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	mitogen-activated protein kinase kinase 3
Database Link:	NP_002747 Entrez Gene 26397 MouseEntrez Gene 303200 RatEntrez Gene 5606 Human P46734
Background:	The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is activated by mitogenic and environmental stress, and participates in the MAP kinase-mediated signaling cascade. It phosphorylates and thus activates MAPK14/p38-MAPK. This kinase can be activated by insulin, and is necessary for the expression of glucose transporter.



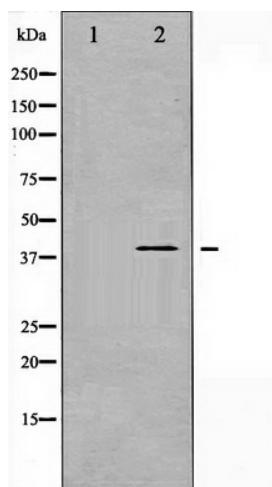
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Synonyms: MAPKK3; MEK3; MKK3; PRKMK3; SAPKK-2; SAPKK2

Protein Families: Druggable Genome, Protein Kinase, Transcription Factors

Protein Pathways: Amyotrophic lateral sclerosis (ALS), Fc epsilon RI signaling pathway, GnRH signaling pathway, MAPK signaling pathway, Toll-like receptor signaling pathway

Product images:



Western blot analysis of MKK3 phosphorylation expression in MDA-MB-435 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.