

## Product datasheet for **TA327914**

### MEK4 (MAP2K4) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthesized peptide derived from human SEK1/MKK4.
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
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:	44 kDa
Gene Name:	mitogen-activated protein kinase kinase 4
Database Link:	<a href="#">NP_003001</a> <a href="#">Entrez Gene 26398 Mouse</a> <a href="#">Entrez Gene 287398 Rat</a> <a href="#">Entrez Gene 6416 Human</a> <a href="#">P45985</a>
Background:	MKK4 dual specificity kinase of the STE7 family that phosphorylates and activates JNK1 and -2 as well as p38 but not ERK1 or -2. Mediates cellular responses to various cellular stresses and inflammatory cytokines. Phosphorylation by Akt inhibits MKK4 and suppresses stress-activated signal transduction.
Synonyms:	JNKK; JNKK1; MAPKK4; MEK4; MKK4; PRKMK4; SAPKK-1; SAPKK1; SEK1; SERK1; SKK1
Note:	SEK1/MKK4 Antibody detects endogenous levels of total SEK1/MKK4.

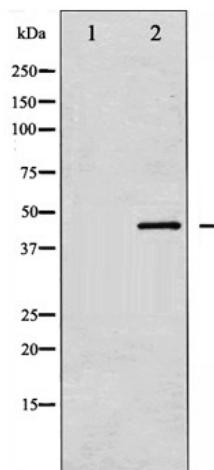


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**Protein Families:** Druggable Genome, Protein Kinase

**Protein Pathways:** Epithelial cell signaling in Helicobacter pylori infection, ErbB signaling pathway, Fc epsilon RI signaling pathway, GnRH signaling pathway, MAPK signaling pathway, Toll-like receptor signaling pathway

**Product images:**



Western blot analysis of SEK1/MKK4 expression in NIH-3T3 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.