

## Product datasheet for **TA348440**

### **PRAK (MAPKAPK5) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB: 1:500-1:2000
<b>Reactivity:</b>	Human, Mouse
<b>Modifications:</b>	Phospho-specific
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The immunogen for anti-Phospho-MAPKAPK5(Thr182) Antibody: A synthesized peptide derived from human MAPKAPK5 around the phosphorylation site of Threonine 182
<b>Formulation:</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Immunogen affinity purified
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	60 kDa
<b>Gene Name:</b>	mitogen-activated protein kinase-activated protein kinase 5
<b>Database Link:</b>	<a href="#">NP_003659</a> <a href="#">Entrez Gene 17165 Mouse</a> <a href="#">Entrez Gene 8550 Human</a> <a href="#">Q8IW41</a>
<b>Background:</b>	The protein encoded by this gene is a member of the serine/threonine kinase family. In response to cellular stress and proinflammatory cytokines, this kinase is activated through its phosphorylation by MAP kinases including MAPK1/ERK, MAPK14/p38-alpha, and MAPK11/p38-beta. In vitro, this kinase phosphorylates heat shock protein HSP27 at its physiologically relevant sites. Two alternately spliced transcript variants of this gene encoding distinct isoforms have been reported.



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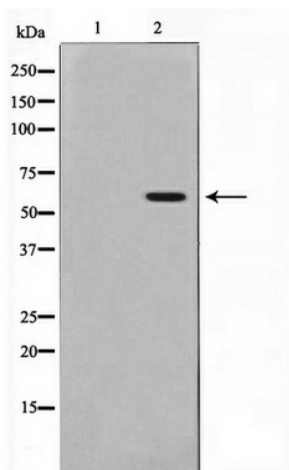
**Synonyms:** MAPKAP-K5; MK-5; MK5; PRAK

**Note:** Phospho-MAPKAPK5(Thr182) Antibody detects endogenous levels of MAPKAPK5 only when phosphorylated at Threonine 182

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

**Protein Pathways:** MAPK signaling pathway

**Product images:**



Western blot analysis on K562 cell lysate using Phospho-MAPKAPK5 (Thr182) Antibody