

CABP0066

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## Product Information

<b>Product SKU:</b>	CABP0066	<b>Gene ID:</b>	5606/5608	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human, Mouse, Rat

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## Additional Information

<b>Observed MW:</b>	40kDa/41kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	36kDa/39kDa/31kDa/37kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	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. Expression of RAS oncogene is found to result in the accumulation of the active form of this kinase, which thus leads to the constitutive activation of MAPK14, and confers oncogenic transformation of primary cells. The inhibition of this kinase is involved in the pathogenesis of Yersinia pseudotuberculosis. Multiple alternatively spliced transcript variants that encode distinct isoforms have been reported for this gene. [provided by RefSeq, Jul 2008]
<b>Recommended Dilution:</b>	WB, 1:500 - 1:1000
<b>Synonyms:</b>	MAP2K3/MAP2K6; Phospho-MAP2K3-S189/MAP2K6-S207
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	A synthetic phosphorylated peptide around S189 of human MAP2K6/MAP2K3 (NP_002747.2).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.