

**CABP0071**

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## Product Information

<b>Product SKU:</b>	CABP0071	<b>Gene ID:</b>	6885	<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>	75kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	67kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

**Recommended Dilution:** WB,1:500 - 1:1000

**Synonyms:** CSCF; FMD2; TAK1; MEKK7; TGF1a; Phospho-TAK1-S412

**Purification Method:** Affinity purification

**Immunogen:** A synthetic phosphorylated peptide around S412 of human TAK1 (NP\_003179.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.