

## TAK1 (phospho-Ser412) rabbit pAb

Catalog_no :	AP1522
Applications :	WB
Reactivity :	Human,Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	MAP3K7 TAK1
Protein_name :	TAK1 (Ser412)
Humangene_id :	<a href="#">6885</a>
Humanswissprot_no :	<a href="#">O43318</a>
Mousegene_id :	<a href="#">26409</a>
Mouseswissprot_no :	<a href="#">Q62073</a>
Ratgene_id :	<a href="#">100910771</a>
Ratswissprot_no :	<a href="#">P0C8E4</a>
Immunogen :	Synthesized phosho peptide around human TAK1 (Ser412)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat TAK1 (phospho-Ser412)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Other_name :	Mitogen-activated protein kinase kinase kinase 7 (EC 2.7.11.25) (Transforming growth factor-beta-activated kinase 1) (TGF-beta-activated kinase 1)



Molecular Weight : 70KD

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**Background :** mitogen-activated protein kinase kinase kinase 7(MAP3K7) Homo sapiens 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. [provided by RefSeq, Jul 2008],

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