Data Sheet (Cat.No.TMAC-03955)

Anti-Phospho-TAK1 (Ser412) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 70 kDa.
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

Applications

Application:	WB
Recommended	WB: 1:1000-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human TAK1 around the phosphorylation site of Ser412
Antigen Species:	Human
Uniprot ID:	O43318
Synonyms:	p-TAK1 (S412);TGF beta activated kinase 1;TGF-beta-activated kinase 1;TGF1a;TAK1 (p-Ser412);Map3k7;TAK1 (p-S412);MAPKKK7;MAP3K 7;p-TAK1 (Ser412);Mitogen-activated protein kinase kinase kinase 7;TAK1;MEKK7;Transforming growth factor-beta-activated kinase 1;M3K7

Research 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],

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481