

Anti-TAK1 Antibody (6T122)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 67 kDa.
Clone:	6T122
Purification:	ProA affinity purified

Applications

Application:	FCM,ICC/IF,IHC,WB
Recommended	WB: 1:500; IHC: 1:50-100; ICC/IF: 1:50-100; FCM: 1:50-100

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:	Recombinant Protein
Uniprot ID:	O43318
Synonyms:	TAK1;Transforming growth factor-beta-activated kinase 1;TGF1a;Map3k7;MEKK7;MAPKKK7; TGF-beta-activated kinase 1;MAP3K 7;M3K7;TGF beta activated kinase 1;Mitogen-activated protein kinase kinase kinase 7

Research Background

Several serine / threonine protein kinases have been implicated as intermediates in signal transduction pathways. These include ERK / MAP kinases, ribosomal S6 kinase (Rsk) and Raf-1. Raf-1 is a protein with intrinsic kinase activity towards serine / threonine residues and which is expressed in many human types and cell lines. Raf-1 activation is dependent on the small molecular weight GTPase Ras, but the means by which this activation is poorly understood. Two proteins put put involved in this process are Ksr-1 and Taks. Ksr-1 (kinase sup-pressor of Ras) is a novel Raf-related protein kinase whose function is required for Ras signal transduction. Whether or not in a parallel pathway is not yet known. Tak1 (TGFβ-activated kinase) has been shown to participate in the activation of the MAP kinase family in response to TGFβ stimulation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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