

## TAK1 (phospho-Ser412) rabbit pAb

Catalog No: #13493

Package Size: #13493-1 50ul #13493-2 100ul

## Description

|                       |                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | TAK1 (phospho-Ser412) rabbit pAb                                                                                                                   |
| Host Species          | Rabbit                                                                                                                                             |
| Clonality             | Polyclonal                                                                                                                                         |
| Purification          | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                          |
| Applications          | WB                                                                                                                                                 |
| Species Reactivity    | Human,Mouse,Rat                                                                                                                                    |
| Specificity           | This antibody detects endogenous levels of Human Mouse Rat TAK1 (phospho-Ser412)                                                                   |
| Immunogen Description | Synthesized phosho peptide around human TAK1 (Ser412)                                                                                              |
| Conjugates            | Unconjugated                                                                                                                                       |
| Other Names           | Mitogen-activated protein kinase kinase kinase 7 (EC 2.7.11.25) (Transforming growth factor-beta-activated kinase 1) (TGF-beta-activated kinase 1) |
| Accession No.         | Swiss Prot:O43318GeneID:6885                                                                                                                       |
| SDS-PAGE MW           | 70                                                                                                                                                 |
| Concentration         | 1 mg/ml                                                                                                                                            |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                            |
| Storage               | -20°C/1                                                                                                                                            |

## Application Details

WB 1:1000-2000

## 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],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.