Product Datasheet

Phospho-TAK1 (Thr184) Antibody

Catalog No: AY0141 Reactivity: Human:T184,Mouse:T184,Rat:T184

Isotype: Rabbit IgG Applications: WB

www.abways.com

Information

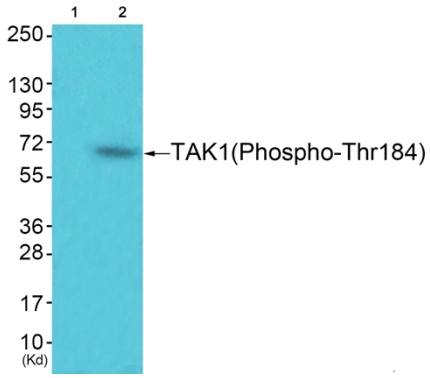
UniProt ID: O43318
All Names: EC 2.7.11.25, M3K7, MAP3K7, Mitogen-activated protein kinase kinase kinase 7, TGF-beta-activated kinase 1, Transforming growth factor-beta-activated kinase 1, kinase TAK1
Form: Liquid
Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity: Affinity-chromatography
Immunogen: A synthesized peptide
Molecular Wt.: 75kDa

Application

WB: 1:500~1:3000
ELISA: 1:1000

Background

Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. Plays an important role in the cascades of cellular responses evoked by changes in the environment. Mediates signal transduction of TRAF6, various cytokines including interleukin-1 (IL-1), transforming growth factor-beta (TGFB), TGFB-related factors like BMP2 and BMP4, toll-like receptors (TLR), tumor necrosis factor receptor CD40 and B-cell receptor (BCR). Ceramides are also able to activate MAP3K7/TAK1.



Western blot analysis of extracts from HepG2 cells, treated with TNF (20ng/ml, 5mins), using TAK1 (Phospho-Thr184) antibody.

For Research Use Only. Not For Use In Diagnostic Procedures.
www.abways.com