

Tak1 (phospho-T184) polyclonal antibody

Catalog: BCP01598

Host: Rabbit

Reactivity: Human,Mouse,Rat

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 that is widely expressed in many tissue types and cell lines. Raf-1 activation is dependent on the small molecular weight GTPase Ras, but the means by which this activation occurs is poorly understood. Two proteins putatively involved in this process are Ksr-1 and Tak1. Ksr-1 (kinase suppressor of Ras) is a novel Raf-related protein kinase whose function is required for Ras signal transduction. Whether Ksr-1 lies directly downstream of Ras or acts in a parallel pathway is not yet known. Tak1 (TGF β -activated kinase) has been shown to participate in the activation of the MAP kinase family in response to TGF β stimulation.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~70, 82 kDa

Swiss-Prot:

O43318

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 96% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

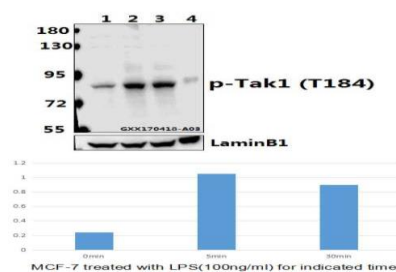
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Tak1 (phospho-T184) polyclonal antibody detects endogenous levels of Tak1 protein when phosphorylated at Thr184.

DATA:



Western blot (WB) analysis of Tak1 (phospho-T184) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate

Lane2:MCF-7 treated with LPS(100ng/ml) for 5 minutes whole cell lysate

Lane3:MCF-7 treated with LPS(100ng/ml) for 30 minutes whole cell lysate

Lane4:The Spleen tissue lysate of Mouse(40ug)

Note:

For research use only, not for use in diagnostic procedure.