

TAK1 polyclonal antibody

Catalog: BS91316

Host: Rabbit

Reactivity: Human, Mouse

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 (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:

67 kDa

Swiss-Prot:

O43318(Human) Q62073(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500

ICC:1:50-1:100

IHC:1:50-1:100

FC:1:50-1:100

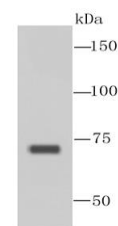
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

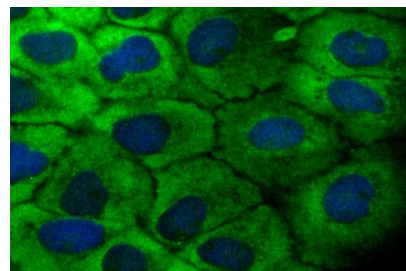
Specificity:

TAK1 polyclonal antibody detects endogenous levels of TAK1 protein.

DATA:



Western blot analysis of TAK1 on human placenta tissue lysate using anti-TAK1 antibody at 1/1,000 dilution.



ICC staining TAK1 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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