
TAK1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253492

Unit: 0.1 mg

Description:

TAK1 (TGF-beta activated protein kinase 1) is a widely expressed enzyme originally identified as a mitogen-activated protein kinase kinase kinase (MAP3K7). It has since been shown to mediate various intracellular signaling pathways, such as those induced by TGF-beta and members of the Toll-IL-1R (TIR) superfamily, thus acting as an intermediate in both proliferative and innate and adaptive immune responses. TAK1 is normally present in cells in a complex with TAK1-binding protein 1 (TAB1) and either TAB2 or TAB3. Association with TAB1 triggers TAK1 kinase activity by inducing TAK1 autophosphorylation, while TAB2 and possibly TAB3 may contribute to SAPK2a/p38a-mediated feedback inhibition of TAK1 activity.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: TAK1 ; MAP3K7

Accession No.: BAA25025

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human TAK1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.