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ZAK Polyclonal Antibody

Cat #: G-AB-08707

Host: Rabbit **Reactivity:** Mouse, Rat

Isotype: IgG **Clonality:**

Overview:
This gene is a member of the MAPKKK family of signal transduction molecules and encodes a protein with an N-terminal kinase catalytic domain, followed by a leucine zipper motif and a sterile-alpha motif (SAM). This magnesium-binding protein forms homodimers and is located in the cytoplasm. The protein mediates gamma radiation signaling leading to cell cycle arrest and activity of this protein plays a role in cell cycle checkpoint regulation in cells. The protein also has pro-apoptotic activity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Gene ID: 51776

Accession #:

Immunogen: Recombinant fusion protein of human ZAK (NP_598407.1).

Conjugation: Unconjugated

Swissprot: Q9NYL2

Calculated Molecular Weight: 35 kDa/51 kDa/91 kDa

Observed Molecular Weight: 105 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:500-1:2000

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