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ZAK

Reactivity: Human Mouse

Tested applications:WB IF

Recommended Dilution:WB 1:500 - 1:2000 IF 1:20 - 1:50

Calculated MW:91kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human ZAK

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

pk; AZK; MLT; MRK; MLK7; MLTK; mlklak;

Catalog #:A7371

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:51776

Isotype: IgG

Swiss Prot:Q9NYL2

Purity: Affinity purification

For research use only.

Background:

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.

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