

Datasheet for ABIN360531

**anti-ZAK antibody (Middle Region)**[Go to Product page](#)**2** Images

## Overview

Quantity:	0.4 mL
Target:	ZAK
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZAK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the center region of human MLKLAK.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to MLKLAK.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

## Target Details

Target:	ZAK
Alternative Name:	MLTK ( <a href="#">ZAK Products</a> )

## Target Details

**Background:** MLKLAK is a member of the MAPKKK family of signal transduction molecules. It possesses 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. Synonyms: Cervical cancer suppressor gene 4 protein, HCCS-4, HCCS4, MLK-like mitogen-activated protein triple kinase, MLKLAK, Mitogen-activated protein kinase kinase kinase MLT, ZAK

**Gene ID:** 51776, 9606

**UniProt:** [Q9NYL2](#)

## Application Details

**Application Notes:** ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS with 0.09 % (W/V) sodium azide

**Preservative:** Sodium azide

**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

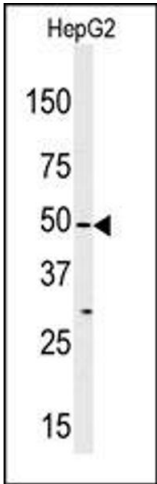


Image 1.

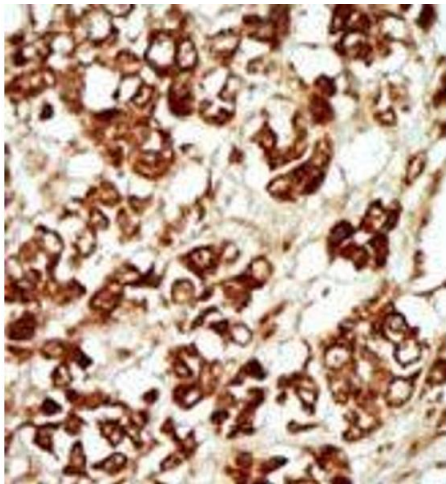


Image 2.