

Datasheet for ABIN7299644
anti-ZAK antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	ZAK
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZAK antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ZAK.
Specificity:	Recognizes endogenous levels of ZAK protein.
Characteristics:	Rabbit polyclonal antibody to ZAK
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	ZAK
Alternative Name:	ZAK (ZAK Products)
Background:	MLTK, Mitogen-activated protein kinase kinase kinase MLT, Human cervical cancer suppressor

Target Details

gene 4 protein, HCCS-4, Leucine zipper- and sterile alpha motif-containing kinase, MLK-like mitogen-activated protein triple kinase, Mixed lineage kinase-related kinase, MLK-related kinase, MRK, Sterile alpha motif- and leucine zipper-containing kinase AZK

Gene ID: 51776, 65964

UniProt: [Q9NYL2](#), [Q9ESL4](#)

Application Details

Application Notes: WB (1:500 - 1:1000), IF/IC (1:100 - 1:500)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

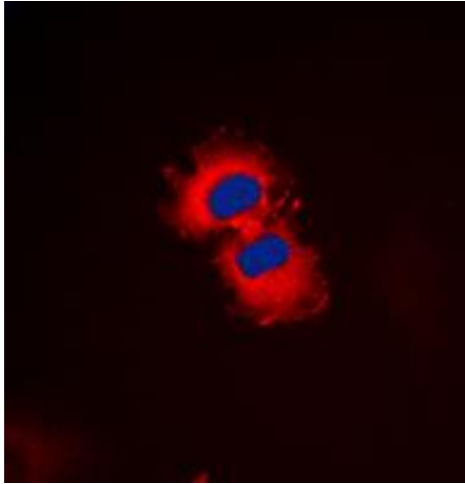
Preservative: Sodium azide

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

Storage: -20 °C

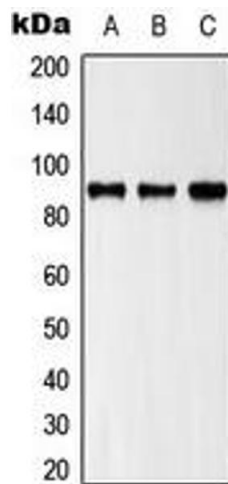
Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Expiry Date: 12 months



Immunofluorescence

Image 1. Immunofluorescent analysis of ZAK staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Western Blotting

Image 2. Western blot analysis of ZAK expression in HeLa (A), HepG2 (B), NIH3T3 (C) whole cell lysates.