

Datasheet for ABIN2854433

anti-ZAK antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ZAK
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZAK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ZAK. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to ZAK ZAK antibody [N3C2], Internal
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	ZAK
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Target Details

Alternative Name:	mitogen-activated protein kinase kinase kinase 20 (ZAK Products)
Background:	<p>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.</p> <p>Cellular Localization: Cytoplasm , Nucleus</p>
Molecular Weight:	91 kDa
Gene ID:	51776
UniProt:	Q9NYL2

Application Details

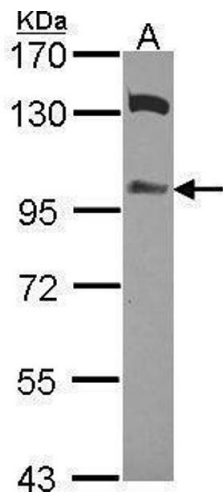
Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa Validation: KO/KD
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.92 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.

Validation report #104334 for Multiplex Immunohistochemistry (mIHC)



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
A549 7.5% SDS PAGE antibody diluted at 1:1000