



Datasheet for ABIN2854398

## anti-AKAP1 antibody (C-Term)



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1 Image

### Overview

Quantity: 100 µL

Target: AKAP1

Binding Specificity: C-Term

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Conjugate: This AKAP1 antibody is un-conjugated

Application: Western Blotting (WB)

### Product Details

Immunogen: Recombinant protein encompassing a sequence within the C-terminus region of human AKAP1.  
The exact sequence is proprietary.

Igotype: IgG

Cross-Reactivity: Rhesus Monkey

Cross-Reactivity (Details): Rhesus Monkey (100 %)

Characteristics: Rabbit polyclonal antibody to AKAP1 (A kinase (PRKA) anchor protein 1)  
AKAP1 antibody [C2C3], C-term

Purification: Purified by antigen-affinity chromatography.

## Target Details

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Target:	AKAP1
Alternative Name:	AKAP1 ( <a href="#">AKAP1 Products</a> )
Background:	The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein binds to type I and type II regulatory subunits of PKA and anchors them to the mitochondrion. This protein is speculated to be involved in the cAMP-dependent signal transduction pathway and in directing RNA to a specific cellular compartment.
Cellular Localization: Mitochondrion outer membrane	
Molecular Weight:	97 kDa
Gene ID:	8165
Pathways:	<a href="#">Synaptic Membrane</a>

## Application Details

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Application Notes:	Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:500-1:3000*
Comment:	Positive Control: A549 , IMR32
Restrictions:	For Research Use only

## Handling

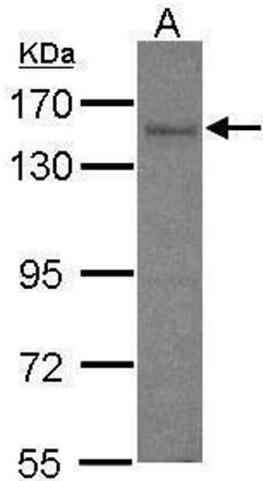
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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 40 % Glycerol ( pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

## Handling

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A:  
IMR32 7.5% SDS PAGE antibody diluted at 1:1000