

Datasheet for ABIN7467915
anti-AKAP1 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	AKAP1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human AKAP1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	AKAP1
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Target Details

Alternative Name:	A-kinase anchoring protein 1 (AKAP1 Products)
Background:	<p>Synonyms: A-kinase anchoring protein 1 , AKAP , AKAP121 , AKAP149 , AKAP84 , D-AKAP1 , PPP1R43 , PRKA1 , SAKAP84 , TDRD17</p> <p>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. [provided by RefSeq]</p>
Molecular Weight:	97 kDa
Gene ID:	8165
UniProt:	Q92667
Pathways:	Synaptic Membrane

Application Details

Application Notes:	WB: 1:500-1:20000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HeLa , 293T Validation: KO/KD
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % 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

Handling

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.