AKAP1 Rabbit pAb

Catalog No.: A5943 1 Publications



Basic Information

Observed MW

135kDa

Calculated MW

97kDa

Category

Primary antibody

Applications

WB,IF/ICC,IP,FC,ELISA

Cross-Reactivity

Human

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.

Recommended Dilutions

WB	1:500 - 1:2000	
IF/ICC	1:50 - 1:100	
IP	1:20 - 1:50	
FC	1.20 - 1.50	

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
8165	Q92667

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

AKAP; PRKA1; AKAP84; TDRD17; AKAP121; AKAP149; D-AKAP1; PPP1R43; SAKAP84; AKAP1

Contact

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Product Information

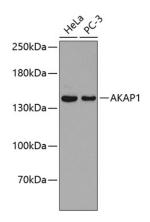
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20 $^{\circ}\text{C}.$ Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using AKAP1 Rabbit pAb (A5943). Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.