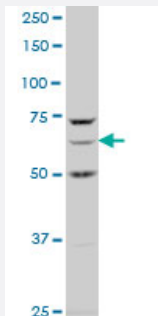


AKAP1 polyclonal antibody (A01)

Catalog # H00008165-A01

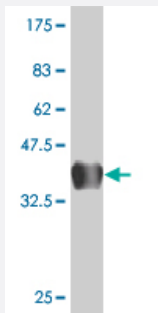
Size 50 uL

Applications



Western Blot (Cell lysate)

AKAP1 polyclonal antibody (A01), Lot # 061130JCS1 Western Blot analysis of AKAP1 expression in HeLa (Cat # L013V1).



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant AKAP1.
Immunogen	AKAP1 (NP_003479, 806 a.a. ~ 903 a.a) partial recombinant protein with GST tag.
Sequence	VLRLQIRSDFTLPFQGAEVLLDSVMPLSDDDDQFSPEADAAMSEMTGNTALLAQVTSYSPTGLPLIQLWSVVGDEVVLINRSLVERGLAQWVDSYYTSL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (95)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.89 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

AKAP1 polyclonal antibody (A01), Lot # 061130JCS1 Western Blot analysis of AKAP1 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — AKAP1

Entrez GeneID

[8165](#)

GeneBank Accession#

[NM_003488](#)

Protein Accession#

[NP_003479](#)

Gene Name

AKAP1

Gene Alias

AKAP, AKAP121, AKAP149, AKAP84, D-AKAP1, MGC1807, PRKA1, SAKAP84

Gene Description

A kinase (PRKA) anchor protein 1

Omim ID

[602449](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

A-kinase anchor protein 1|A-kinase anchor protein, 149kD|dual-specificity A-kinase anchoring protein 1|protein kinase A anchoring protein 1|protein kinase A1|spermatid A-kinase anchor protein 84

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)