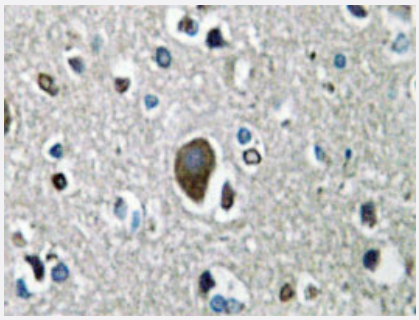
AKAP1 polyclonal antibody

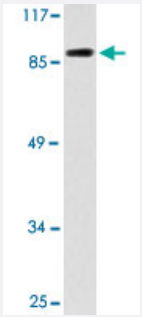
Catalog # PAB24956 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human brain tissue using AKAP1 polyclonal antibody (Cat # PAB24956).



Western Blot (Cell lysate)

Western blot analysis of HUVEC cell lysate with AKAP1 polyclonal antibody (Cat # PAB24956).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AKAP1.
Immunogen	A synthetic peptide corresponding to AKAP1.
Host	Rabbit
Theoretical MW (kDa)	90
Reactivity	Human
Specificity	AKAP1 polyclonal antibody detects endogenous levels of AKAP1 protein.
Form	Liquid

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Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human brain tissue using AKAP1 polyclonal antibody (Cat # PAB24956).

- Immunofluorescence

- Western Blot (Cell lysate)

  Western blot analysis of HUVEC cell lysate with AKAP1 polyclonal antibody (Cat # PAB24956).

Gene Info — AKAP1

Entrez GeneID	8165
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

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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 h oloenzyme 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 th e mitochondrion. This protein is speculated to be involved in the cAMP-dependent signal transduc tion 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 pr otein 1|protein kinase A anchoring protein 1|protein kinase A1|spermatid A-kinase anchor protein 84

Disease

- Genetic Predisposition to Disease
- Narcolepsy

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