

anti-Human AKAP1 Antibody | anti-AKAP1 antibody

AKAP1 Antibody

CATALOG # AAA110346	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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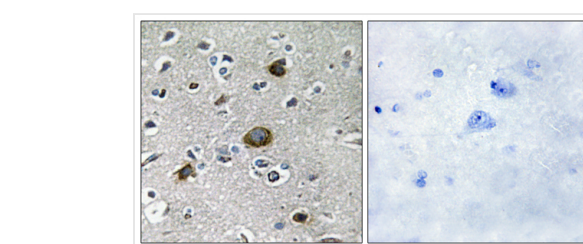
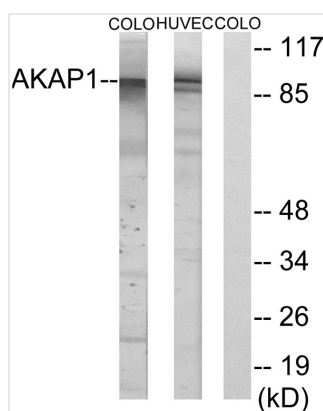
PRODUCT SYNONYMS

AKAP1; AKAP1 Antibody; A kinase anchor protein 1; mitochondrial precursor; A-kinase anchor protein 149 kDa; AKAP 149; AKAP149; AKP1; D-AKAP-1; Dual specificity A-kinase anchoring protein 1; PRKA1; Protein kinase A anchoring protein 1; S-AKAP84; Spermatid A-kinase anchor protein 84; anti-AKAP1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	AKAP1 antibody detects endogenous levels of total AKAP1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	903
Applicable Applications for anti-AKAP1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human AKAP1.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
Peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using AKAP1 antibody. Western blot analysis of extracts from HUVEC cells and COLO cells, using AKAP1 antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AKAP1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Trendelenburg G., Biochem. Biophys. Res. Commun. 225:313-319(1996). Lin R.-Y., J. Biol. Chem. 270:27804-27811(1995). Hillman R.T., Genome Biol. 5:RESEARCH008.1-RESEARCH008.16(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	339275974
NCBI GeneID	8165
NCBI Accession #	NP_001229831.1
NCBI GenBank Nucleotide #	NM_001242902.1
UniProt Accession #	Q92667; Q13320; Q9BW14; A8K8Q1; D3DTZ0
Molecular Weight	62,921 Da
NCBI Official Full Name	A-kinase anchor protein 1, mitochondrial
NCBI Official Synonym Full Names	A-kinase anchoring protein 1
NCBI Official Symbol	AKAP1
NCBI Official Synonym Symbols	AKAP; PRKA1; AKAP84; TDRD17; AKAP121; AKAP149; D-AKAP1; PPP1R43; SAKAP84
NCBI Protein Information	A-kinase anchor protein 1, mitochondrial
UniProt Protein Name	A-kinase anchor protein 1, mitochondrial
UniProt Gene Name	AKAP1
UniProt Synonym Gene Names	AKAP149; PRKA1; D-AKAP-1; PRKA1; S-AKAP84

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-antibody/akap1/110346>