

Rabbit anti-Human AKAP1 Polyclonal Antibody | anti-AKAP1 antibody

Rabbit anti-AKAP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211447	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

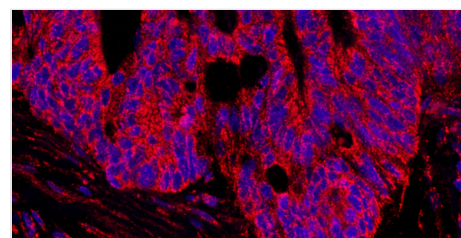
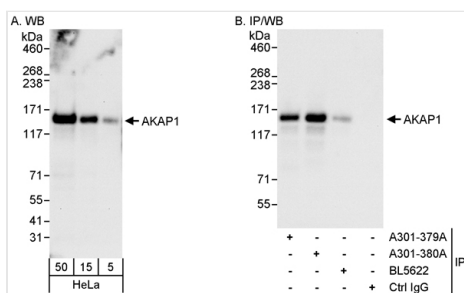
PRODUCT SYNONYMS

AKAP1; Polyclonal Antibody; Rabbit anti-AKAP1 Antibody; Affinity Purified; dual-specificity A-kinase anchoring protein 1; tudor domain containing 17; testicular secretory protein Li 5; TDRD17; spermatid A-kinase anchor protein 84; S-AKAP84; SAKAP84; protein phosphatase 1; regulatory subunit 43; Protein kinase A-anchoring protein 1; protein kinase A1; protein kinase A anchoring protein 1; PPP1R43; AKAP121; A kinase (PRKA) anchor protein 1; PRKA1; AKAP 149; Dual specificity A-kinase-anchoring protein 1; AKAP149; AKAP84; A-kinase anchor protein 1; mitochondrial; A-kinase anchor protein 149 kDa; D-AKAP1; D-AKAP-1; AKAP; A-kinase anchoring protein 1; anti-AKAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-AKAP1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 375 and 425
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human AKAP1 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-AKAP1 (Cat. No. AAA211447) used at a dilution of 1:100 (2ug/ml). Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody.

WB (Western Blot)

Detection of human AKAP1 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-AKAP1 antibody AAA211447 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. AKAP1 was also immunoprecipitated by rabbit anti-AKAP1 antibodies and BL5622, which recognize downstream epitopes. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).

ADDITIONAL INFORMATION

Related Product Information for anti-AKAP1 antibody	AKAP1 (A-kinase anchor protein 1) was isolated as a protein that interacts with the regulatory subunit of protein kinase A (PKA) as well as the catalytic subunit of protein phosphatase 1 (PPI). AKAP1 plays a role in directing the subcellular localization of PKA to the cytoplasmic face of the outer mitochondrial membrane.
Product Categories/Family for anti-AKAP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502015
NCBI GeneID	8165
NCBI Accession #	NP_003479.1
NCBI GenBank Nucleotide #	NM_003488.3
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 (PRKA) anchor 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; AKAP 149; D-AKAP-1; protein kinase A1; tudor domain containing 17; A-kinase anchor protein 149 kDa; protein kinase A anchoring protein 1; spermatid A-kinase anchor protein 84; protein phosphatase 1, regulatory sub
UniProt Protein Name	A-kinase anchor protein 1, mitochondrial
UniProt Gene Name	AKAP1
UniProt Synonym Gene Names	AKAP149; PRKA1; AKAP 149; D-AKAP-1; PRKA1; S-AKAP84
UniProt Entry Name	AKAP1_HUMAN

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/polyclonal/akap1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211447>