

Rabbit AKAP10 Polyclonal Antibody | anti-AKAP10 antibody

AKAP10 Antibody

CATALOG # AAA225328	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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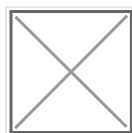
PRODUCT SYNONYMS

AKAP10; Polyclonal Antibody; AKAP10 Antibody; Affinity Purified Rabbit Polyclonal AKAP10 Antibody; Polyclonal AKAP10 antibody; Anti-AKAP10 antibody; AKAP-10 antibody; dual specificity A kinase-anchoring protein 2 antibody; D-AKAP2 antibody; D-AKAP-2 antibody; A-kinase anchor protein 10 mitochondrial antibody; AKAP10 antibody; AKAP 10; AKAP 10 antibody; a kinase anchor protein 10 mitochondrial antibody; MGC9414 antibody; PRKA10 antibody; AKAP-10; anti-AKAP10 antibody

PRODUCT SPECIFICATIONS

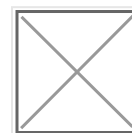
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.35 mg/ml (varies by lot)
Sequence Length	662
Applicable Applications for anti-AKAP10 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	AKAP10 antibody was raised in rabbit using a synthetic peptide contain a sequence corresponding to a region within amino acids 600 and 662 of AKAP10
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



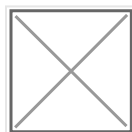
IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using AKAP10 antibody at 1:500 dilution.



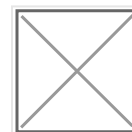
WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Hep G2) using a 7.5% SDS PAGE gel and AKAP10 antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded T(gastric CA) using AKAP10 antibody at a dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded OVCAR3 using AKAP10 antibody at a dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-AKAP10 antibody	The A-kinase anchor proteins are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein interacts with both the type I and type II regulatory subunits of PKA; therefore, it is a dual-specific AKAP. This protein is highly enriched in mitochondria. It contains RGS domains, in addition to a PKA-RII subunit-binding domain. The mitochondrial localization and the presence of RGS domains may have important implications for the function of this protein in PKA and G protein signal transduction.
Product Categories/Family for anti-AKAP10 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	21493033
NCBI GeneID	11216
NCBI GenBank Nucleotide #	NP_009133.2
UniProt Accession #	O43572
Molecular Weight	74 kDa
NCBI Official Full Name	A-kinase anchor protein 10, mitochondrial isoform 1
NCBI Official Synonym Full Names	A-kinase anchoring protein 10
NCBI Official Symbol	AKAP10
NCBI Official Synonym Symbols	PRKA10; AKAP-10; D-AKAP2; D-AKAP-2
NCBI Protein Information	A-kinase anchor protein 10, mitochondrial
UniProt Protein Name	A-kinase anchor protein 10, mitochondrial
UniProt Gene Name	AKAP10
UniProt Synonym Gene Names	AKAP-10; D-AKAP-2; PRKA10
UniProt Entry Name	AKA10_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/akap10-antibody-western-blot-immunohistochemistry-elisa/225328>