

Rabbit AKAP 10 Polyclonal Antibody | anti-AKAP10 antibody

AKAP 10 Polyclonal Antibody

CATALOG # AAA294223	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

AKAP 10; Polyclonal Antibody; AKAP 10 Polyclonal Antibody; AKAP10; A-kinase anchor protein 10; mitochondrial; AKAP-10; Dual specificity A kinase-anchoring protein 2; D-AKAP-2; Protein kinase A-anchoring protein 10; PRKA10; anti-AKAP10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-AKAP10 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-AKAP10 antibody	Differentially targeted protein that binds to type I and II regulatory subunits of protein kinase A and anchors them to the mitochondria or the plasma membrane. Although the physiological relevance between PKA and AKAPS with mitochondria is not fully understood, one idea is that BAD, a proapoptotic member, is phosphorylated and inactivated by mitochondria-anchored PKA. It cannot be excluded too that it may facilitate PKA as well as G protein signal transduction, by acting as an adapter for assembling multiprotein complexes. With its RGS domain, it could lead to the interaction to G-alpha proteins, providing a link between the signaling machinery and the downstream kinase (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21493033
NCBI GeneID	11216
NCBI Accession #	NP_009133.2
NCBI GenBank Nucleotide #	NM_007202.3
UniProt Accession #	O43572; Q96AJ7; B2R650

Molecular Weight	73,818 Da
NCBI Official Full Name	A-kinase anchor protein 10, mitochondrial
NCBI Official Synonym Full Names	A kinase (PRKA) anchor 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; protein kinase A anchoring protein 10; dual specificity A kinase-anchoring protein 2; mitochondrial A kinase PPKA anchor protein 10
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/akap-10-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/294223>