

Anti-AKAP6 antibody



Description	Unconjugated Rabbit polyclonal to AKAP6
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Model	STJ190212
Host	Rabbit
Reactivity	Human
Applications	IHC
Immunogen	Synthesized peptide derived from human AKAP6 protein.
Immunogen Region	30-110aa
Gene ID	9472
Gene Symbol	AKAP6
Dilution range	IHC-p 1:50-300
Specificity	AKAP6 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highly expressed in cardiac and skeletal muscle, followed by brain.
Purification	AKAP6 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	A-kinase anchor protein 6 AKAP-6 A-kinase anchor protein 100 kDa AKAP 100 Protein kinase A-anchoring protein 6 PRKA6 mAKAP
Molecular Weight	255 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:376 OMIM:604691
Alternative Names	A-kinase anchor protein 6 AKAP-6 A-kinase anchor protein 100 kDa AKAP 100 Protein kinase A-anchoring protein 6 PRKA6 mAKAP
Function	Binds to type II regulatory subunits of protein kinase A and anchors/targets them to the nuclear membrane or sarcoplasmic reticulum. May act as an adapter for assembling multiprotein complexes.
Sequence and Domain Family	RII-alpha binding site, predicted to form an amphipathic helix, could participate in protein-protein interactions with a complementary surface on the R-subunit dimer.
Cellular Localization	Sarcoplasmic reticulum. Nucleus membrane. In heart muscle. Participation of multiple targeting signals allow correct intracellular targeting. These may be repeated motifs rich in basic and hydrophobic amino acids, palmitoylated/myristoylated motifs or alternatively splice targeting sequences.

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