

AKAP6 Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF2401a**Specification**

AKAP6 Antibody (N-Term) - Product Information

Application	WB, E
Primary Accession	Q13023
Other Accession	NP_004265.3 , 9472 , 238161 (mouse) , 64553 (rat)
Reactivity	Mouse
Predicted	Human, Rat, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	256720

AKAP6 Antibody (N-Term) - Additional Information**Gene ID** 9472**Other Names**

A-kinase anchor protein 6, AKAP-6, A-kinase anchor protein 100 kDa, AKAP 100, Protein kinase A-anchoring protein 6, PRKA6, mAKAP, AKAP6, AKAP100, KIAA0311

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

AKAP6 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

AKAP6 Antibody (N-Term) - Protein Information**Name** AKAP6**Synonyms** AKAP100, KIAA0311**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.

Cellular Location

Sarcoplasmic reticulum. Nucleus membrane. Note=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

Tissue Location

Highly expressed in cardiac and skeletal muscle, followed by brain

AKAP6 Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

AKAP6 Antibody (N-Term) - Images**AKAP6 Antibody (N-Term) - References**

Cloning and characterization of A-kinase anchor protein 100 (AKAP100). A protein that targets A-kinase to the sarcoplasmic reticulum. McCartney S, Little BM, Langeberg LK, Scott JD. J Biol Chem. 1995 Apr 21;270(16):9327-33. PMID: 7721854