

AKAP6 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58793

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q13023
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	256720

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
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

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