

Anti-AKAP 220 antibody



Description	Rabbit polyclonal to AKAP 220.
Model	STJ91530
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human AKAP 220
Immunogen Region	1730-1810 aa, C-terminal
Gene ID	11215
Gene Symbol	AKAP11
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	AKAP 220 Polyclonal Antibody detects endogenous levels of AKAP 220 protein.
Tissue Specificity	Expressed in heart, brain, lung, liver, kidney, testis and ovary. Weakly expressed in skeletal muscle, pancreas and spleen.
Purification	The 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 11 AKAP-11 A-kinase anchor protein 220 kDa AKAP 220 hAKAP220 Protein kinase A-anchoring protein 11 PRKA11
Molecular Weight	210.512 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:369OMIM:604696
Alternative Names	A-kinase anchor protein 11 AKAP-11 A-kinase anchor protein 220 kDa AKAP 220 hAKAP220 Protein kinase A-anchoring protein 11 PRKA11
Function	Binds to type II regulatory subunits of protein kinase A and anchors/targets them.
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	Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasmic in premeiotic pachytene spermatocytes and in the centrosome of developing postmeiotic germ cells, while a midpiece/centrosome localization was found in elongating spermatocytes and mature sperm.