

Anti-AKAP 110 antibody



Description	Rabbit polyclonal to AKAP 110.
Model	STJ91525
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF
Immunogen	Synthesized peptide derived from human AKAP 110
Immunogen Region	160-240 aa, Internal
Gene ID	10566
Gene Symbol	AKAP3
Dilution range	IF 1:200-1:1000ELISA 1:10000
Specificity	AKAP 110 Polyclonal Antibody detects endogenous levels of AKAP 110 protein.
Tissue Specificity	Testis specific; only expressed in spermatids.
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 3 AKAP-3 A-kinase anchor protein 110 kDa AKAP 110 Cancer/testis antigen 82 CT82 Fibrous sheath protein of 95 kDa FSP95 Fibrousheathin I Fibrousheathin-1 Protein kinase A-a
Molecular Weight	94.736 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:373OMIM:604689
Alternative Names	A-kinase anchor protein 3 AKAP-3 A-kinase anchor protein 110 kDa AKAP 110 Cancer/testis antigen 82 CT82 Fibrous sheath protein of 95 kDa FSP95 Fibrousheathin I Fibrousheathin-1 Protein kinase A-a
Function	May function as a regulator of both motility- and head-associated functions such as capacitation and the acrosome reaction.
Sequence and Domain Family	RII-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	Cytoplasmic vesicle, secretory vesicle, acrosome. Ribs of the fibrous sheath in the principal piece of the sperm tail. Dorsal margin of the acrosomal segment.
Post-translational Modifications	Phosphorylated on tyrosine residues.

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