

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 <u>10566</u>

Gene Symbol <u>AKAP3</u>

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:3730MIM: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.

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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