

AKAP 110 Rabbit pAb

CatalogNo: YT0160

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- IF, ELISA

MW

- 95kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

IF 1:200-1:1000

ELISA 1:10000

Not yet tested in other applications

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human AKAP3. AA range: 191-240

Specificity

AKAP 110 Polyclonal Antibody detects endogenous levels of AKAP 110 protein.

| Target Information

Gene name AKAP3

Protein Name A-kinase anchor protein 3

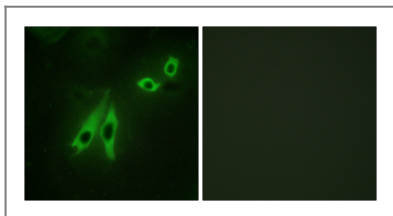
Organism	Gene ID	UniProt ID
Human	10566;	O75969;
Mouse	11642;	O88987;

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.

Tissue specificity Testis specific; only expressed in spermatids.

Function Domain:RII-binding site, predicted to form an amphipathic helix, could participate in protein-protein interactions with a complementary surface on the R-subunit dimer.,Function:May function as a regulator of both motility- and head-associated functions such as capacitation and the acrosome reaction.,PTM:Phosphorylated on tyrosine residues.,similarity:Belongs to the AKAP110 family.,subcellular location:Ribs of the fibrous sheath in the principal piece of the sperm tail. Dorsal margin of the acrosomal segment.,subunit:Interacts with ROPN1 AND ROPN1L.,tissue specificity:Testis specific; only expressed in spermatids.,

Validation Data



Immunofluorescence analysis of NIH/3T3 cells, using AKAP3 Antibody. The picture on the right is blocked with the synthesized peptide.

Contact information

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