

AKAP3 Rabbit pAb

Catalog No.: A16484

Basic Information

Observed MW

115kDa

Calculated MW

95kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse, Rat

Background

This gene encodes a member of A-kinase anchoring proteins (AKAPs), a family of functionally related proteins that target protein kinase A to discrete locations within the cell. The encoded protein is reported to participate in protein-protein interactions with the R-subunit of the protein kinase A as well as sperm-associated proteins. This protein is expressed in spermatozoa and localized to the acrosomal region of the sperm head as well as the length of the principal piece. It may function as a regulator of motility, capacitation, and the acrosome reaction.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

10566

Swiss Prot

O75969

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human AKAP3 (NP_006413.3).

Synonyms

CT82; SOB1; FSP95; PRKA3; HEL159; AKAP110; AKAP 110; AKAP3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

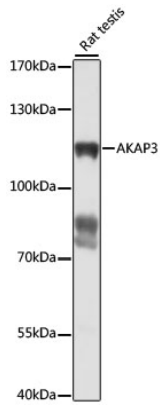
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from rat testis, using AKAP3 Rabbit pAb (A16484) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.