

For Research Use Only

AKAP3 Recombinant antibody

Catalog Number: 82986-1-RR



Basic Information

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| Catalog Number: 82986-1-RR | GenBank Accession Number: BC047535 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 10566 | CloneNo.: 230278C3 |
| Source: Rabbit | UNIPROT ID: O75969 | Recommended Dilutions: WB 1:5000-1:50000 |
| Isotype: IgG | Full Name: A kinase (PRKA) anchor protein 3 | |
| Immunogen Catalog Number: AG33655 | Calculated MW: 95 kDa | |
| | Observed MW: 100 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : mouse testis tissue, rat testis tissue |
| Species Specificity: Human, mouse, rat | |

Background Information

AKAP3 is 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. AKAP3 is reported to participate in protein-protein interactions with the R-subunit of the protein kinase A as well as sperm-associated proteins. AKAP3 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.

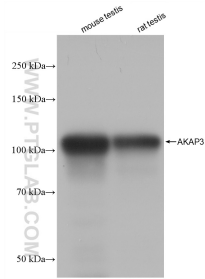
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82986-1-RR (AKAP3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.