

For Research Use Only

AKAP3 Recombinant antibody

Catalog Number: 82986-1-RR



Basic Information

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

Applications

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

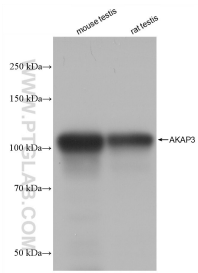
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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.