

For Research Use Only

AKAP3 Recombinant antibody, PBS Only



Catalog Number: 82986-1-PBS

Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

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

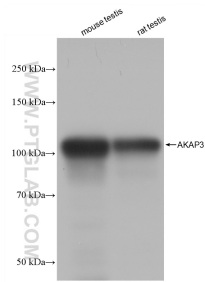
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Selected Validation Data



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. This data was developed using the same antibody clone with 82986-1-PBS in a different storage buffer formulation.