

For Research Use Only

# AKAP3 Recombinant antibody, PBS Only

Catalog Number: 82986-1-PBS



## Basic Information

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

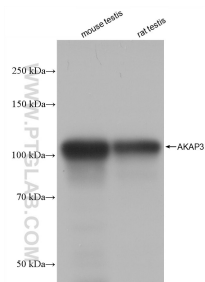
**Storage:**  
Store at -80°C.

**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.