

For Research Use Only

# CoraLite® Plus 750-conjugated AKAP3 Recombinant antibody



Catalog Number:CL750-82986

## Basic Information

<b>Catalog Number:</b> CL750-82986	<b>GenBank Accession Number:</b> BC047535	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 10566	<b>CloneNo.:</b> 230278C3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75969	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> A kinase (PRKA) anchor protein 3	<b>Excitation/Emission maxima wavelengths:</b> 755 nm / 780 nm
<b>Immunogen Catalog Number:</b> AG33655	<b>Calculated MW:</b> 95 kDa	
	<b>Observed MW:</b> 100 kDa	

## Applications

<b>Tested Applications:</b> WB	<b>Positive Controls:</b> WB : rat testis tissue,
<b>Species Specificity:</b> 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. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

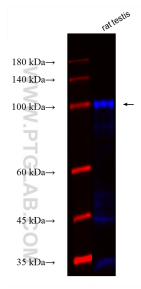
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Rat testis was subjected to SDS PAGE followed by western blot with CL750-82986 (AKAP3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.