

For Research Use Only

CoraLite® Plus 750-conjugated AKAP3 Recombinant antibody

Catalog Number: CL750-82986



Basic Information

Catalog Number:

CL750-82986

Size:

100ul , Concentration: 1000 ug/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33655

GenBank Accession Number:

BC047535

GeneID (NCBI):

10566

UNIPROT ID:

O75969

Full Name:

A kinase (PRKA) anchor protein 3

Calculated MW:

95 kDa

Observed MW:

100 kDa

Purification Method:

Protein A purification

CloneNo.:

230278C3

Recommended Dilutions:

WB 1:1000-1:4000

Excitation/Emission maxima wavelengths:

755 nm / 780 nm

Applications

Tested Applications:

WB

Species Specificity:

human, mouse, rat

Positive Controls:

WB : rat testis tissue,

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. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

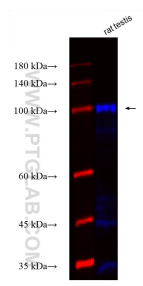
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.