

For Research Use Only

AKAP3 Recombinant antibody, PBS Only

Catalog Number: 82986-1-PBS



Basic Information

Catalog Number:

82986-1-PBS

Size:

1mg/ml

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

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

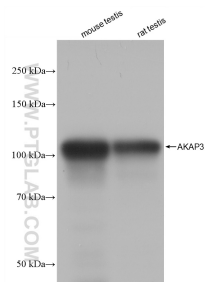
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.