

For Research Use Only

AKAP3 Monoclonal antibody, PBS Only



Catalog Number: 66255-1-PBS

Basic Information

Catalog Number: 66255-1-PBS	GenBank Accession Number: BC047535	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 10566	CloneNo.: 3C11H9
Source: Mouse	UNIPROT ID: O75969	
Isotype: IgG2a	Full Name: A kinase (PRKA) anchor protein 3	
Immunogen Catalog Number: AG4885	Calculated MW: 95 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC, IF

Species Specificity:
human, mouse

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:

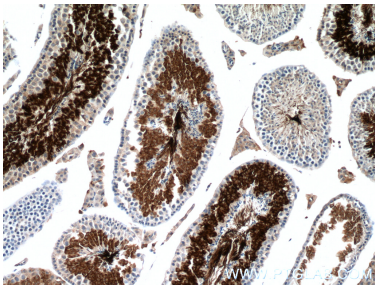
T: 4006900926

E: Proteintech-CN@ptglab.com

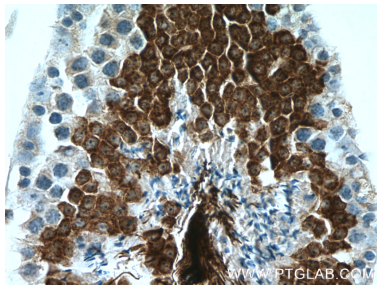
W: ptgcn.com

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

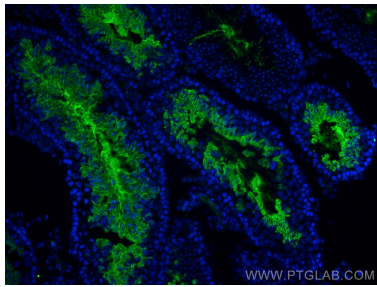
Selected Validation Data



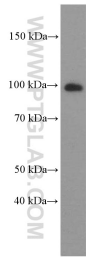
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66255-1-Ig (AKAP3 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66255-1-PBS in a different storage buffer formulation.



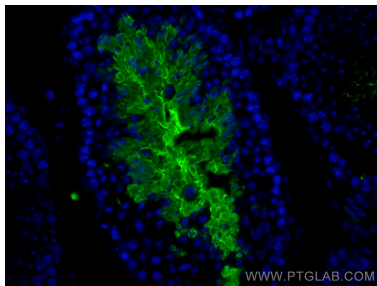
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66255-1-Ig (AKAP3 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66255-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using AKAP3 antibody (66255-1-Ig, Clone: 3C11H9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66255-1-PBS in a different storage buffer formulation.



human testis tissue were subjected to SDS PAGE followed by western blot with 66255-1-Ig (AKAP3 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66255-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using AKAP3 antibody (66255-1-Ig, Clone: 3C11H9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66255-1-PBS in a different storage buffer formulation.