

For Research Use Only

C3orf62 Polyclonal antibody, PBS Only

Catalog Number: 32718-1-PBS



Basic Information

Catalog Number:

32718-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37728

GenBank Accession Number:

BC023586

GeneID (NCBI):

375341

UNIPROT ID:

Q6ZUJ4

Full Name:

chromosome 3 open reading frame 62

Calculated MW:

30 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Arrest-type spermatogenic failure refers to the arrest of spermatogenesis at a specific stage, such as spermatogonia, spermatocytes, or spermatids. It is mainly caused by genetic factors, particularly variants in key spermatogenic genes (e.g., TEX11, MSH5, C3ORF62, MEI1, etc.), and represents one of the most distinctive forms of male infertility (PMID: 41669890). The C3orf62 is essential for normal spermatogenesis and male fertility (PMID: 33064489; 38175751).

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, pH7.3

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

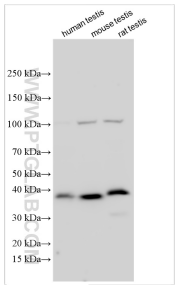
T: 4006900926

E: Proteintech-CN@ptglab.com

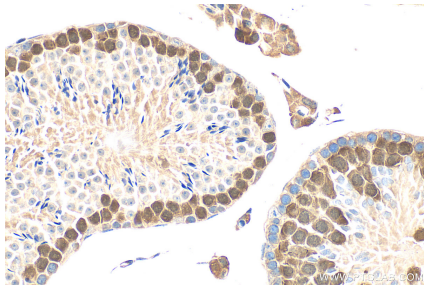
W: ptgcn.com

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

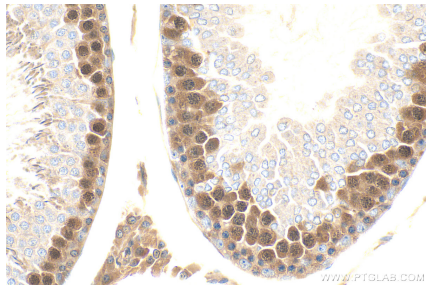
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32718-1-AP (C3orf62 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32718-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 32718-1-AP (C3orf62 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32718-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 32718-1-AP (C3orf62 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32718-1-PBS in a different storage buffer formulation.