

For Research Use Only

CT55 Polyclonal antibody, PBS Only

Catalog Number: 32040-1-PBS



Basic Information

Catalog Number:

32040-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36155

GenBank Accession Number:

BC020662

GeneID (NCBI):

54967

UNIPROT ID:

Q8WUE5

Full Name:

chromosome X open reading frame 48

Observed MW:

30 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

The Cancer/Testis Antigen (CTA) genes comprise a group of genes whose expression under physiological conditions is restricted to the testis but is activated in many human cancers. CT55 is a new autophagic manipulator to regulate spermatogenesis via selectively interacting with LAMP2 and GABARAP (which are key regulators in the autophagy process) and further fine-tuning their expression. Cancer-testis antigen 55 (CT55) mutation induced male infertility with extreme disruption in sperm production, morphology, and locomotion (PubMed:36481789).

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:

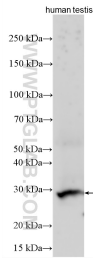
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E: Proteintech-CN@ptglab.com

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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



Various lysates were subjected to SDS PAGE followed by western blot with 32040-1-AP (C.Xorf48 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32040-1-PBS in a different storage buffer formulation.