

For Research Use Only

LANCL2 Polyclonal antibody

Catalog Number:33580-1-AP



Basic Information

Catalog Number:

33580-1-AP

Concentration:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38046

GenBank Accession Number:

BC070049

GeneID (NCBI):

55915

UNIPROT ID:

Q9NS86

Full Name:

LanC lantibiotic synthetase component C-like 2 (bacterial)

Calculated MW:

450 aa, 51 kDa

Observed MW:

49 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: A431 cells, mouse brain tissue, mouse testis tissue, rat brain tissue, rat testis tissue

Background Information

LanCL2 is a major male germ cell-specific antioxidant gene that is important for testicular homeostasis. Highly expressed in the brain and testis, LanCL2 expression correlates with testicular maturation and brain development. LanCL2 is enriched in spermatocytes and round spermatids of the testis (PMID: 38790639).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

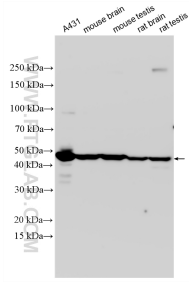
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33580-1-AP (LANCL2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.