

For Research Use Only

PCYT1A Polyclonal antibody

Catalog Number: 30991-1-AP



Basic Information

Catalog Number:

30991-1-AP

Concentration:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34268

GenBank Accession Number:

NM_005017

GeneID (NCBI):

5130

UNIPROT ID:

P49585

Full Name:

phosphate cytidyltransferase 1,
choline, alpha

Calculated MW:

42 kDa

Observed MW:

40-41 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:2000-1:12000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, L02 cells, mouse testis tissue, rat testis tissue

Background Information

PCYT1A (phosphate cytidyltransferase 1A, choline), also known as CTPCT. It is expected to be located in the nucleus and cytoplasm, which is enriched in brain, placenta, liver, fetal and adult lung. This gene belongs to the cytidyltransferase family and is involved in the regulation of phosphatidylcholine biosynthesis. Mutations in this gene are associated with spondylometaphyseal dysplasia with cone-rod dystrophy. The molecular weight of PCYT1A is 41 kDa.

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:

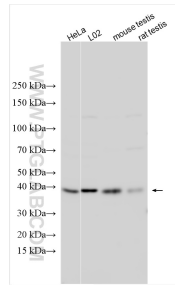
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30991-1-AP (PCYT1A antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.