

For Research Use Only

ACY1 Recombinant antibody

Catalog Number: 86204-1-RR



Basic Information

Catalog Number:

86204-1-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1813

GenBank Accession Number:

BC014112

GeneID (NCBI):

95

UNIPROT ID:

Q03154

Full Name:

aminoacylase 1

Calculated MW:

40.8 kDa

Purification Method:

Protein A purification

CloneNo.:

250846D2

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, K-562 cells, PC-3 cells, Neuro-2a cells, NIH/3T3 cells, PC-12 cells, rat brain tissue

Background Information

Aminoacylase 1 (ACY1) is a cytosolic enzyme that is widely distributed in mammalian tissues and catalyzes the hydrolysis of acylated amino acids into amino acids and acyl groups. The main functions of ACY1 are to accelerate the hydrolysis of N-acetylated peptides, especially N-acetylated neutral aliphatic amino acids, and participate in protein synthesis and turnover through the release of free amino acids.

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:

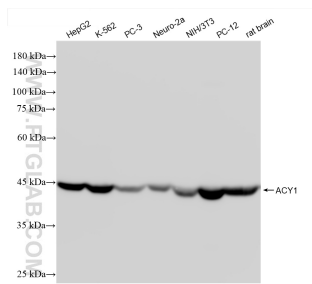
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86204-1-RR (ACY1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.