

For Research Use Only

ACY1 Recombinant antibody

Catalog Number: 86204-1-RR



Basic Information

Catalog Number: 86204-1-RR	GenBank Accession Number: BC014112	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 95	CloneNo.: 250846D2
Source: Rabbit	UNIPROT ID: Q03154	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: aminoacylase 1	
Immunogen Catalog Number: AG1813	Calculated MW: 40.8 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, K-562 cells, PC-3 cells, Neuro-2a cells, NIH/3T3 cells, PC-12 cells, rat brain tissue
Species Specificity: human, mouse, rat	

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

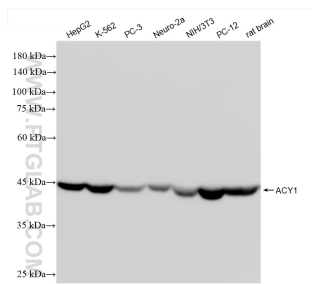
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.