

For Research Use Only

GLYATL2 Polyclonal antibody, PBS Only

Catalog Number: 16305-1-PBS



Basic Information

Catalog Number:

16305-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9282

GenBank Accession Number:

BC016789

GeneID (NCBI):

219970

UNIPROT ID:

Q8WU03

Full Name:

glycine-N-acyltransferase-like 2

Calculated MW:

294 aa, 34 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

GLYATL2 is an N-acyltransferase that synthesizes N-acyl glycines, bioactive lipids involved in skin barrier function, sebaceous lipid metabolism, and inflammatory signaling. Expressed in skin, liver, and sebaceous glands, GLYATL2 couples medium/long-chain acyl-CoAs to glycine, contributing to both lipid homeostasis and potential detoxification pathways. Dysregulated GLYATL2 activity affects epidermal health, nociceptive signaling, and has emerging links to cancer biology, making it a noteworthy enzyme in lipid-mediated physiology.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

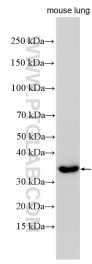
For technical support and original validation data for this product please contact:

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Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 16305-1-AP (GLYATL2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16305-1-PBS in a different storage buffer formulation.