

For Research Use Only

# GLYATL2 Polyclonal antibody, PBS Only

Catalog Number: 16305-1-PBS



## Basic Information

<b>Catalog Number:</b> 16305-1-PBS	<b>GenBank Accession Number:</b> BC016789	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 219970	
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q8WU03	
<b>Immunogen Catalog Number:</b> AG9282	<b>Full Name:</b> glycine-N-acyltransferase-like 2	
	<b>Calculated MW:</b> 294 aa, 34 kDa	
	<b>Observed MW:</b> 34 kDa	

## 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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

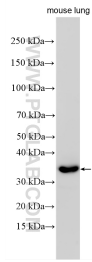
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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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.