

For Research Use Only

# PNLIPRP1 Polyclonal antibody

Catalog Number: 27341-1-AP



## Basic Information

<b>Catalog Number:</b> 27341-1-AP	<b>GenBank Accession Number:</b> BC025784	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 600 ug/ml	<b>GeneID (NCBI):</b> 5407	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P54315	
<b>Isotype:</b> IgG	<b>Full Name:</b> pancreatic lipase-related protein 1	
<b>Immunogen Catalog Number:</b> AG26341	<b>Calculated MW:</b> 467 aa, 52 kDa	
	<b>Observed MW:</b> 51 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse pancreas tissue, pig pancreas tissue
<b>Species Specificity:</b> human	

## Background Information

Pancreatic lipase fulfills a key function in dietary fat absorption by hydrolyzing triglycerides into diglycerides and subsequently into monoglycerides and free fatty acids. Two novel human pancreatic lipase related proteins, hPLRP1 and hPLRP2 are different in colipase dependence and lipase activity. PNLIPRP1 also known as PLRP1, functions as an inhibitor of dietary triglyceride digestion (PMID: 1379598).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

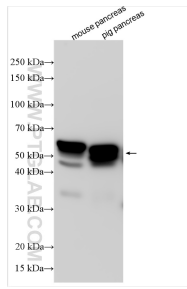
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27341-1-AP (PNLPRP1 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.