

For Research Use Only

# LYPLA2 Polyclonal antibody

Catalog Number: 16291-1-AP



## Basic Information

<b>Catalog Number:</b> 16291-1-AP	<b>GenBank Accession Number:</b> BC017193	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 210 µg/ml	<b>GeneID (NCBI):</b> 11313	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95372	
<b>Isotype:</b> IgG	<b>Full Name:</b> lysophospholipase II	
<b>Immunogen Catalog Number:</b> AG9452	<b>Calculated MW:</b> 231 aa, 25 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

LYPLA2(lysophospholipase II) is also named as APT2(acyl-protein thioesterase 2) and belongs to the AB hydrolase 2 family. It may hydrolyze fatty acids from S-acylated cysteine residues in proteins such as trimeric G alpha proteins or HRAS. Two cytosolic acyl thioesterases(APT1 and APT2, genes LYPLA1 and LYPLA2, respectively) have been identified as palmitoyl thioesterases that depalmitoylate cytosolic cysteine residues of proteins(PMID:22399288).

## 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