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# Datasheet for ABIN2787777 anti-LYPLA2 antibody (N-Term)

2 Images



## Overview

Quantity:	100 μL
Target:	LYPLA2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LYPLA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

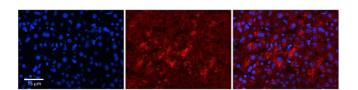
## Product Details

Target:	LYPLA2
Target Details	
Purification:	Affinity Purified
Characteristics:	This is a rabbit polyclonal antibody against LYPLA2. It was validated on Western Blot using a cell lysate as a positive control.
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Sequence:	MCGNTMSVPL LTDAATVSGA ERETAAVIFL HGLGDTGHSW ADALSTIRLP
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LYPLA2

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Target Details	
Alternative Name:	LYPLA2 (LYPLA2 Products)
Background:	Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids.Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. There are alternatively spliced transcript variants described for this gene but the full length nature is not known yet. Alias Symbols: APT-2, DJ886K2.4 Protein Interaction Partner: UBC, VCAM1, ITGA4, APP, MED31, SCMH1, DKC1, Protein Size: 231
Molecular Weight:	25 kDa
Gene ID:	11313
NCBI Accession:	NM_007260, NP_009191
UniProt:	095372
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 231 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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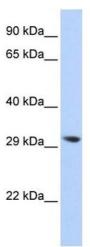


### Immunohistochemistry

**Image 1.** Rabbit Anti-LYPLA2 Antibody Catalog Number: ARP58638\_P050 Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver Observed Staining: Cytoplasm in hepatocytes, strong signal, low tissue distribution Primary Antibody Concentration: 1:100 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec Protocol located in Reviews and Data.

### **Western Blotting**

**Image 2.** WB Suggested Anti-LYPLA2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 293T cell Iysate There is BioGPS gene expression data showing that LYPLA2 is expressed in HEK293T



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