

LYPLA1 rabbit monoclonal antibody

Catalog # H00010434-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LYPLA1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LYPLA1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LYPLA1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LYPLA1

Entrez GeneID	10434
GeneBank Accession#	LYPLA1
Gene Name	LYPLA1
Gene Alias	APT-1, LPL1, LYSOPLA
Gene Description	lysophospholipase I
Omim ID	605599
Gene Ontology	Hyperlink
Gene Summary	Lysophospholipases are enzymes that act on biological membranes to regulate the multifunctional lysophospholipids. The protein encoded by this gene hydrolyzes lysophosphatidylcholine in both monomeric and micellar forms. The use of alternate polyadenylation sites has been found for this gene. There are alternatively spliced transcript variants described for this gene but the full length nature is not known yet. [provided by RefSeq]
Other Designations	acyl-protein thioesterase-1 lysophospholipase 1 lysophospholipid-specific lysophospholipase

Pathway

- [Glycerophospholipid metabolism](#)