

## PPAP2A rabbit monoclonal antibody

Catalog # H00008611-K

Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human PPAP2A peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human PPAP2A is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human PPAP2A peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — PPAP2A

Entrez GeneID	<a href="#">8611</a>
GeneBank Accession#	<a href="#">PPAP2A</a>
Gene Name	PPAP2A
Gene Alias	LLP1a, LPP1, PAP-2a, PAP2, PAP2a2, PAP2alpha2, PAPalpha1
Gene Description	phosphatidic acid phosphatase type 2A
Omim ID	<a href="#">607124</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a member of the phosphatidic acid phosphatase (PAP) family. PAPs convert phosphatidic acid to diacylglycerol, and function in de novo synthesis of glycerolipids as well as in receptor-activated signal transduction mediated by phospholipase D. This protein is an integral membrane glycoprotein, and has been shown to be a surface enzyme that plays an active role in the hydrolysis and uptake of lipids from extracellular space. The expression of this gene is found to be regulated by androgen in a prostatic adenocarcinoma cell line. At least two alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]
Other Designations	lipid phosphate phosphohydrolase 1 lipid phosphate phosphohydrolase 1a phosphatidic acid phosphatase 2a phosphatidic acid phosphohydrolase type 2a type 2 phosphatidic acid phosphohydrolase type-2 phosphatidic acid phosphatase alpha

## Pathway

- [Ether lipid metabolism](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Glycerolipid metabolism](#)
- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)

## Disease

- [Tobacco Use Disorder](#)