PPAP2C rabbit monoclonal antibody

Catalog # H00008612-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PPAP2C peptide using ARM Technology.
Immunogen	A synthetic peptide of human PPAP2C 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 PPAP2C 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — PPAP2C

Entrez GeneID	8612
GeneBank Accession#	PPAP2C
Gene Name	PPAP2C
Gene Alias	LPP2, PAP-2c, PAP2-g
Gene Description	phosphatidic acid phosphatase type 2C
Omim ID	607126
Gene Ontology	Hyperlink
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 similar to phosphatidic acid phosphatase type 2A (PPAP2A) and type 2B (PPAP2B). All three proteins contain 6 transmembrane regions, and a consensus N-glycosylation site. This protein has been shown to possess membrane associated PAP activity. Three alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq
Other Designations	lipid phosphate phosphohydrolase 2|phosphatidic acid phosphohydrolase type 2c|type-2 phosphatidic acid phosphatase-gamma

Pathway

- Ether lipid metabolism
- Fc gamma R-mediated phagocytosis
- Glycerolipid metabolism
- Glycerophospholipid metabolism
- Metabolic pathways
- Sphingolipid metabolism

Disease

- Kidney Failure