PNPLA8 rabbit monoclonal antibody

Catalog # H00050640-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PNPLA8 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PNPLA8 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 PNPLA8 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 — PNPLA8

Entrez GeneID	50640
GeneBank Accession#	PNPLA8
Gene Name	PNPLA8
Gene Alias	IPLA2(GAMMA), IPLA2-2, IPLA2G
Gene Description	patatin-like phospholipase domain containing 8
Gene Ontology	Hyperlink
Gene Summary	Phospholipase A2 catalyzes cleavage of fatty acids from phospholipids, thereby regulating membrane physical properties and the release of lipid second messengers and growth factors. Phospholipase A2 activity also modulates cellular growth programs, inflammation, and ion channel function (Mancuso et al., 2000 [PubMed 10744668]).[supplied by OMIM
Other Designations	iPLA2 gamma|intracellular membrane-associated calcium-independent phospholipase A2 gamma|membrane-associated calcium-independent phospholipase A2 gamma

Disease

- Genetic Predisposition to Disease
- Schizophrenia
- Tobacco Use Disorder