

JMJD7-PLA2G4B rabbit monoclonal antibody

Catalog # H00008681-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human JMJD7-PLA2G4B peptide using ARM Technology.
Immunogen	A synthetic peptide of human JMJD7-PLA2G4B 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 JMJD7-PLA2G4B 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 — JMJD7-PLA2G4B

Entrez GeneID [8681](#)

GeneBank Accession# [JMJD7-PLA2G4B](#)

Gene Name JMJD7-PLA2G4B

Gene Alias HsT16992, PLA2G4B, cPLA2-beta

Gene Description JMJD7-PLA2G4B readthrough transcript

Omim ID [606088](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene transcribes naturally-occurring mRNAs that are co-transcribed products of the neighboring JMJD7 and PLA2G4B genes. Incompletely processed read-through transcripts from these two loci are abundantly expressed in most tissues, but the function of the predicted protein product has not yet been determined. Alternative splicing of this gene results in different transcript variants, some of which are candidates for nonsense-mediated decay (NMD). [provided by RefSeq]

Other Designations JMJD7-PLA2G4B protein|JMJD7-PLA2G4B read-through|OTTHUMP00000041703|phospholipase A2, group IVB (cytosolic)

Pathway

- [alpha-Linolenic acid metabolism](#)
- [Arachidonic acid metabolism](#)
- [Ether lipid metabolism](#)
- [Fc epsilon RI signaling pathway](#)
- [Glycerophospholipid metabolism](#)
- [GnRH signaling pathway](#)

- [Linoleic acid metabolism](#)
- [Long-term depression](#)
- [MAPK signaling pathway](#)
- [Metabolic pathways](#)
- [Vascular smooth muscle contraction](#)
- [VEGF signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Dyslexia](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)