

PAFAH2 rabbit monoclonal antibody

Catalog # H00005051-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PAFAH2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PAFAH2 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 PAFAH2 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 — PAFAH2

Entrez GeneID	5051
GeneBank Accession#	PAFAH2
Gene Name	PAFAH2
Gene Alias	FLJ26025, HSD-PLA2
Gene Description	platelet-activating factor acetylhydrolase 2, 40kDa
Omim ID	602344
Gene Ontology	Hyperlink
Gene Summary	This gene encodes platelet-activating factor acetylhydrolase isoform 2, a single-subunit intracellular enzyme that catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glycerol-3-phosphorylcholine). However, this lipase exhibits a broader substrate specificity than simply platelet activating factor. Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist, and both are multi-subunit enzymes. Additionally, there is a single-subunit serum isoform of this enzyme. [provided by RefSeq]
Other Designations	OTTHUMP00000008596 platelet-activating factor acetylhydrolase 2 platelet-activating factor acetylhydrolase 2 (40kD)

Pathway

- [Ether lipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Arterial Occlusive Diseases](#)
- [Atherosclerosis](#)
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- [Peripheral Vascular Diseases](#)