

ACYP1 rabbit monoclonal antibody

Catalog # H00000097-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ACYP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ACYP1 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 ACYP1 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 — ACYP1

Entrez GeneID	97
GeneBank Accession#	ACYP1
Gene Name	ACYP1
Gene Alias	ACYPE
Gene Description	acylphosphatase 1, erythrocyte (common) type
Omim ID	600875
Gene Ontology	Hyperlink
Gene Summary	Acylphosphatase is a small cytosolic enzyme that catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. Two isoenzymes have been isolated, called muscle acylphosphatase and erythrocyte acylphosphatase, on the basis of their tissue localization. This gene encodes the erythrocyte acylphosphatase isoenzyme. Alternatively spliced transcript variants that encode different proteins were identified through data analysis. [provided by RefSeq]
Other Designations	erythrocyte acylphosphatase 1

Pathway

- [Benzoate degradation via CoA ligation](#)
- [Pyruvate metabolism](#)