

LCMT1 rabbit monoclonal antibody

Catalog # H00051451-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LCMT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LCMT1 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 LCMT1 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 — LCMT1

Entrez GeneID	51451
GeneBank Accession#	LCMT1
Gene Name	LCMT1
Gene Alias	CGI-68, LCMT, PPMT1
Gene Description	leucine carboxyl methyltransferase 1
Omim ID	610286
Gene Ontology	Hyperlink
Gene Summary	LCMT1 catalyzes the methylation of the carboxyl group of the C-terminal leucine residue (leu309) of the catalytic subunit of protein phosphatase-2A (PPP2CA; MIM 176915) (De Baere et al., 1999 [PubMed 10600115]).[supplied by OMIM]
Other Designations	protein phosphatase methyltransferase 1

Pathway

- [Aminophosphonate metabolism](#)
- [Androgen and estrogen metabolism](#)
- [Histidine metabolism](#)
- [Selenoamino acid metabolism](#)
- [Tyrosine metabolism](#)