TMLHE rabbit monoclonal antibody

Catalog #   H00055217-K   Size   100 ug x up to 3

Specification

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

Entrez GeneID	55217
GeneBank Accession#	TMLHE
Gene Name	TMLHE
Gene Alias	BBOX2, FLJ10727, TMLH, XAP130
Gene Description	trimethyllysine hydroxylase, epsilon
Gene Ontology	Hyperlink
Gene Summary	Epsilon-N-trimethyllysine hydroxylase (EC 1.14.11.8) catalyzes the conversion of epsilon-N-trimethyllysine to beta-hydroxy-N-epsilon-trimethyllysine in the first step of L-carnitine biosynthesis (Vaz et al., 2001 [PubMed 11431483]).[supplied by OMIM
Other Designations	OTTHUMP00000024255|butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gamma-butyrobetaine hydroxylase) 2|epsilon-trimethyllysine 2-oxoglutarate|epsilon-trimethyllysine hydroxylase

Pathway

- Lysine degradation