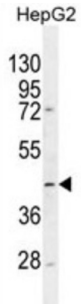
Trimethyllysine Dioxygenase, Mitochondrial (TMLHE) Antibody

Catalogue No.:abx025884



This gene encodes the protein trimethyllysine dioxygenase which is the first enzyme in the carnitine biosynthesis pathway. Carnitine play an essential role in the transport of activated fatty acids across the inner mitochondrial membrane. The encoded protein converts trimethyllysine into hydroxytrimethyllysine. A pseudogene of this gene is found on chromosome X. Alternate splicing results in multiple transcript variants.

Target:	Trimethyllysine Dioxygenase, Mitochondrial (TMLHE)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 120-149 amino acids from the N-terminal region of human TMLHE.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9NVH6 (UniProt, ExPASy)
Gene Symbol:	TMLHE

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GeneID:	55217
OMIM:	300777
HGNC:	18308
KEGG:	hsa:55217
Ensembl:	ENSG00000185973
String:	9606.ENSP00000335261
Molecular Weight:	Calculated MW: 49.5 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse and Cow TMLHE.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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