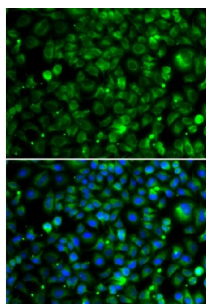


## Trimethyllysine Dioxygenase, Mitochondrial (TMLHE) Antibody

Catalogue No.: abx005519



Immunofluorescence analysis of MCF-7 cells using TMLHE Antibody

TMLHE Antibody is a Rabbit Polyclonal antibody against TMLHE. 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:** IF/ICC

**Host:** Rabbit

**Recommended dilutions:** IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein corresponding to human TMLHE

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified by affinity chromatography.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** Q9NVH6 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** TMLHE

# Datasheet

Version: 3.0.0

Revision date: 08 Sep 2025



**GeneID:** [55217](#)

**OMIM:** [300777](#)

**NCBI Accession:** NP\_001171726.1

**HGNC:** 18308

**KEGG:** hsa:55217

**Ensembl:** ENSG00000185973

**String:** [9606.ENSP00000335261](#)

**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** 1 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only