

# TMLHE Rabbit pAb

Catalog NO.: A7312

## Basic Information

### Observed MW

### Calculated MW

50kDa

### Category

Polyclonal Antibodies

### Applications

IF/ICC, ELISA

### Cross-Reactivity

Human

### Conjugation

Unconjugated

## Background

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.

## Recommended Dilutions

### IF/ICC

1:50 - 1:100

### ELISA

Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

55217

### Swiss Prot

Q9NVH6

### Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms

TMLD; TMLH; BBOX2; AUTSX6; TMLHED; XAP130; TMLHE

## Contact

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

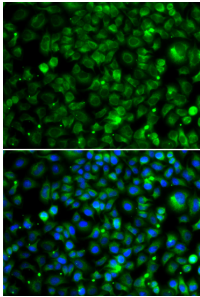
**Source**  
Rabbit

**Isotype**  
IgG

**Purification**  
Affinity purification

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles.  
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunofluorescence analysis of MCF-7 cells using TMLHE Rabbit pAb (A7312). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

