

## TMLHE Polyclonal Antibody

Catalog No: #30886

Package Size: #30886-1 50ul #30886-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

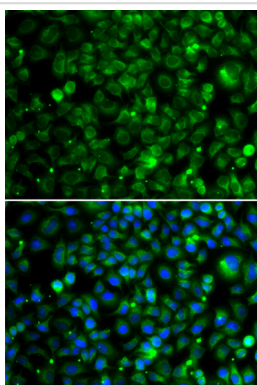
## Description

|                       |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| Product Name          | TMLHE Polyclonal Antibody                                                              |
| Host Species          | Rabbit                                                                                 |
| Clonality             | Polyclonal                                                                             |
| Isotype               | IgG                                                                                    |
| Purification          | Affinity purification                                                                  |
| Applications          | IF                                                                                     |
| Species Reactivity    | Human                                                                                  |
| Immunogen Description | Recombinant fusion protein of human TMLHE (NP_001171726.1).                            |
| Other Names           | TMLHE; AUTSX6; BBOX2; TMLD; TMLH; TMLHED; XAP130; trimethyllysine hydroxylase, epsilon |
| Accession No.         | Swiss-Prot#:Q9NVH6NCBI Gene ID:55217                                                   |
| Uniprot               | Q9NVH6                                                                                 |
| GeneID                | 55217;                                                                                 |
| Formulation           | Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.                      |
| Storage               | Store at -20°C                                                                         |

## Application Details

IF 1:50 - 1:100

## Images



Immunofluorescence analysis of MCF-7 cells using TMLHE .  
Blue: DAPI for nuclear staining.

## 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.

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Note: This product is for in vitro research use only