

TMLHE

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 50kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human TMLHE

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

1 mg/ml

Synonym:

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

Catalog #: A7312

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 55217

Isotype: IgG

Swiss Prot: Q9NVH6

Purity: Affinity purification

For research use only.

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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