

## 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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