

TPP1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

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

Calculated MW: 61kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human TPP1

Storage Buffer:

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

Synonym:

CLN2; GIG1; LPIC; TPP-1;

Catalog #: A5627

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1200

Isotype: IgG

Swiss Prot: O14773

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the sedolisin family of serine proteases. The protease functions in the lysosome to cleave N-terminal tripeptides from substrates, and has weaker endopeptidase activity. It is synthesized as a catalytically-inactive enzyme which is activated and auto-proteolyzed upon acidification. Mutations in this gene result in late-infantile neuronal ceroid lipofuscinosis, which is associated with the failure to degrade specific neuropeptides and a subunit of ATP synthase in the lysosome.

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