

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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