

## TPP1

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**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:1000

**Calculated MW:**61kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human TPP1

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CLN2; GIG1; LPIC; SCAR7; TPP-1

**Catalog #:**A6269

**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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