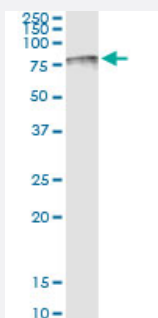


# TPP1 (Human) IP-WB Antibody Pair

Catalog # H00001200-PW1

Size 1 Set

## Applications



Immunoprecipitation of TPP1 transfected lysate using rabbit polyclonal anti-TPP1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-TPP1.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (88%); Rat (87%)
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of TPP1 transfected lysate using rabbit polyclonal anti-TPP1 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-TPP1.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-TPP1 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-TPP1 (50 ug)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — TPP1

**Entrez GeneID** [1200](#)

**Gene Name** TPP1

**Gene Alias** CLN2, GIG1, LPIC, MGC21297

**Gene Description** tripeptidyl peptidase I

**Omim ID** [204500 607998](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease)|growth-inhibiting protein 1|lysosomal pepstatin insensitive protease|tripeptidyl aminopeptidase|tripeptidyl-peptidase I

## Pathway

- [Lysosome](#)

## Disease

- [Kidney Failure](#)
- [Neuronal Ceroid-Lipofuscinoses](#)