

## Product datasheet for TA305617

## **TPP1 Goat Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** WB

Recommended Dilution: WB: 0.3-1ug/ml.

Reactivity: Human (Expected from sequence similarity: Dog, Cow)

Host: Goat Isotype: lgG

Clonality: Polyclonal

Immunogen: Peptide with sequence C-TPSVIRKRYNLTSQD, from the internal region of the protein sequence

according to NP 000382.3.

Formulation: 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Concentration: lot specific

**Purification:** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

> chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize

freezing and thawing.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: tripeptidyl peptidase 1

Database Link: NP 000382

Entrez Gene 485337 DogEntrez Gene 1200 Human

014773

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. [provided by RefSeq]



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

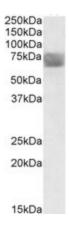
Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Synonyms: CLN2; GIG1; LPIC; SCAR7; TPP-1

**Protein Families:** Protease **Protein Pathways:** Lysosome

## **Product images:**



TA305617 (0.3ug/ml) staining of Human Placenta lysate (35ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.