

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09574 - Goat Anti-CLN2 / TPP1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TPP1, tripeptidyl peptidase I, CLN2, GIG1, LPIC, MGC21297, ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease), growth-inhibiting protein 1, lysosomal pepstatin insensitive protease, tripeptidyl aminopeptidase, tripeptidyl-peptidase I

**Official Symbol:** TPP1

**Accession Number(s):** NP\_000382.3

**Human GeneID(s):** [1200](#)

**Non-Human GeneID(s):** 12751 (mouse)

### Immunogen

Peptide with sequence C-TPSVIRKRYNLTSQD, from the internal region of the protein sequence according to NP\_000382.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

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 -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Approx 65kDa band observed in Human Placenta lysates (calculated MW of 61.2kDa according to NP\_000382.3). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Cow



EB09574 (0.3 $\mu$ g/ml) staining of Human Placenta lysate (35 $\mu$ g protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.