

Datasheet for ABIN571044
anti-TPP1 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	TPP1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TPP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CLN2 / TPP1
Immunogen:	Peptide with sequence C-TPSVIRKRYNLTSQD, from the internal region of the protein sequence according to NP_000382.3.
Sequence:	TPSVIRKRYN LTSQD
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	TPP1
Alternative Name:	TPP1 (TPP1 Products)
Background:	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-pept
Gene ID:	1200, 12751
NCBI Accession:	NP_000382
Pathways:	Cell Division Cycle , ER-Nucleus Signaling

Application Details

Application Notes:	Western Blot: Approx 65 kDa band observed in Human Placenta lysates (calculated MW of 61.2 kDa according to NP_000382.3). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571044 (0.3µg/ml) staining of Human Placenta lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.