



Datasheet for ABIN1417442

anti-TPP1 antibody (AA 401-500) (Cy7)



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1 Publication

Overview

Quantity:	100 µL
Target:	TPP1
Binding Specificity:	AA 401-500
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPP1 antibody is conjugated to Cy7
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TPP1/CLN2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TPP1
Alternative Name:	TPP1 (TPP1 Products)

Target Details

Background: Synonyms: Cell growth inhibiting gene 1 protein, Cell growth-inhibiting gene 1 protein, Ceroid lipofuscinosis neuronal 2, Ceroid lipofuscinosis neuronal 2 late infantile Jansky Bielschowsky disease, Ceroid lipofuscinosis neuronal 2 late infantile antibody CLN 2, CLN2, CLN-2, GIG 1, GIG1, Growth inhibiting protein 1, LPIC, Lysosomal pepstatin insensitive protease, Lysosomal pepstatin-insensitive protease, TPP 1, TPP I, TPP-1, TPP-I, Tpp1, TPP1_HUMAN, TPPI, Tripeptidyl aminopeptidase, Tripeptidyl peptidase I, Tripeptidyl-peptidase 1, Tripeptidyl-peptidase I.

Background: Lysosomal serine protease with tripeptidyl-peptidase I activity. May act as a non-specific lysosomal peptidase which generates tripeptides from the breakdown products produced by lysosomal proteinases. Requires substrates with an unsubstituted N-terminus.

Gene ID: 1200

Pathways: [Cell Division Cycle](#), [ER-Nucleus Signaling](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Brenneman, Pearce, Kovacs, DeFrees: "Pharmacological Effects on Ceroid Lipofuscin and Neuronal Structure in Cln3 Δ ex7/8 Mouse Brain Cultures." in: **Journal of molecular neuroscience : MN**, Vol. 63, Issue 1, pp. 100-114, (2017) ([PubMed](#)).