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anti-TPP1 antibody





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Quantity:	200 μL
Target:	TPP1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human TPP1 (NP_000382.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	TPP1
Alternative Name:	TPP1 (TPP1 Products)
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

Target Details

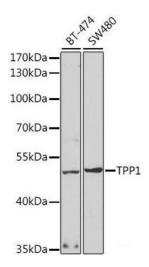
	ceroid lipofuscinosis, which is associated with the failure to degrade specific neuropeptides and a subunit of ATP synthase in the lysosome.
Molecular Weight:	Observed_MW: 50 kDa Calculated_MW: 34 kDa/61 kDa
Gene ID:	1200
UniProt:	014773
Pathways:	Cell Division Cycle, ER-Nucleus Signaling

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using TPP1 Polyclonal Antibody at dilution of 1:1000.