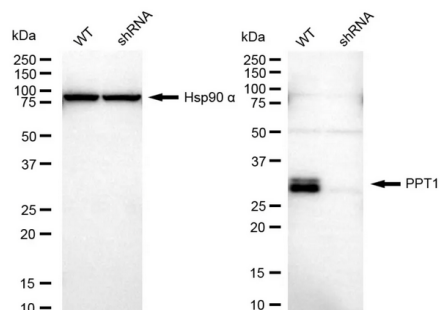


Product name:	KD-Validated PPT1 Mouse Monoclonal Antibody
Cat number:	MABN00047
Conjugate:	Unconjugated
Size:	100 ug
Concentration:	1mg/ml
Host:	Mouse
Isotype:	Mouse IgG2b
Immunogen:	Recombinant protein of human PPT1
Reactivity:	Human
Applications:	WB 1:500-1:2,500
Molecular Weight:	Calculated MW: 34.2kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Synonyms:	PPT1; Palmitoyl-Protein Thioesterase 1; CLN1; INCL; PPT; Palmitoyl-Protein Hydrolase 1; EC 3.1.2.22; Ceroid-Palmitoyl-Palmitoyl-Protein Thioesterase 1; Ceroid-Lipofuscinosis, Neuronal 1, Infantile; PPT-1
Source:	Mouse
Background:	The protein encoded by this gene is a small glycoprotein involved in the catabolism of lipid-modified proteins during lysosomal degradation. The encoded enzyme removes thioester-linked fatty acyl groups such as palmitate from cysteine residues. Defects in this gene are a cause of infantile neuronal ceroid lipofuscinosis 1 (CLN1, or INCL) and neuronal ceroid lipofuscinosis 4 (CLN4). Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Dec 2008]

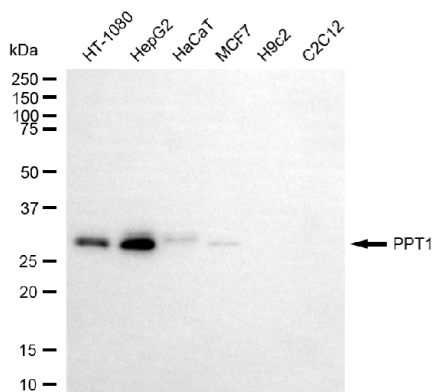
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Western blotting analysis using PPT1 antibody. PPT1 expression in wild-type (WT) and PPT1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with PPT1 antibody (1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (1:10,000) respectively.



Western blotting analysis using PPT1 antibody. Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with PPT1 antibody (1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (1:10,000) respectively.

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