



Mouse Anti-Human APLP1 monoclonal antibody, clone 465131 (CABT-L977)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects human and mouse APLP-1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human APLP-2 or recombinant mouse APLP-2 is observed.
Target	APLP1
Immunogen	Mouse myeloma cell line NS0-derived recombinant human APLP-1. Gln34-Glu580
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human, Mouse
Clone	465131
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	WB
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.
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BACKGROUND

Introduction	APLP-1 is a transmembrane metalloprotein that is expressed in central neurons. Similar to APP and APLP-2, APLP-1 is susceptible to cleavage by various secretases, generating multiple fragments from the extracellular and intracellular domains.
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Keywords	APLP1;amyloid beta (A4) precursor-like protein 1;amyloid-like protein 1;amyloid precursor like protein 1;amyloid like protein 1;APLP;APLP-1;amyloid precursor-like protein 1
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GENE INFORMATION

Entrez Gene ID	333
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UniProt ID	P51693
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