



Rabbit Anti-Human CLN8 (C-term) Polyclonal Antibody (CABT-Z319R)

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

PRODUCT INFORMATION

Immunogen	KLH conjugated synthetic peptide between 251-280 amino acids from the C-terminal region of human CLN8.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ELISA, WB Recommended dilution: WB: 1:1000
Format	Liquid
Concentration	Lot specific
Buffer	PBS with 0.09% sodium azide.
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	CLN8 recruits lysosomal soluble proteins in the endoplasmic reticulum (ER), delivers them to the Golgi apparatus via COPII-coated vesicles, and recycles back to the ER via COPI-coated vesicles. CLN8 interacts with the lysosomal soluble proteins through its large luminal loop. The export signal of CLN8 is localized in its cytosolic C-terminus. CLN8 deficiency results in depletion of enzymes at the lysosome. It can play a role in cell proliferation during neuronal differentiation and in protection against cell death.
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Keywords	Protein CLN8;CLN8;C8orf61
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GENE INFORMATION

Gene Name	CLN8
Entrez Gene ID	2055
UniProt ID	Q9UBY8