



Rabbit Anti-Human CLN8 Polyclonal Antibody (CABT-Z318R)

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

PRODUCT INFORMATION

Immunogen	Recombinant Human Protein CLN8 protein (aa247-286).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	ELISA, IHC Recommended dilution: IHC: 1:20-1:200
Format	Liquid
Concentration	Lot specific
Buffer	50% Glycerol, 0.01M PBS, pH 7.4.
Preservative	None
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
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.

Keywords

Protein CLN8;CLN8;C8orf61

GENE INFORMATION

Gene Name

CLN8

Entrez Gene ID

[2055](#)

UniProt ID

[Q9UBY8](#)
