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CLN8 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18729b

Product Information

Application	WB, E
Primary Accession	Q9UBY8
Other Accession	NP_061764.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35588
Calculated MW	32787
Antigen Region	251-280

Additional Information

Gene ID	2055
Other Names	Protein CLN8, CLN8, C8orf61
Target/Specificity	This CLN8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 251-280 amino acids from the C-terminal region of human CLN8.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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.
Precautions	CLN8 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CLN8
Synonyms	C8orf61
Function	Could play a role in cell proliferation during neuronal differentiation and in protection against cell death.

Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane; Multi-pass membrane protein. Endoplasmic reticulum

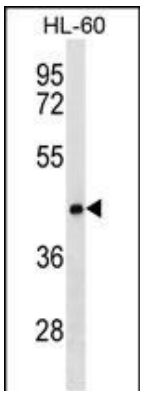
Background

This gene encodes a transmembrane protein belonging to a family of proteins containing TLC domains, which are postulated to function in lipid synthesis, transport, or sensing. The protein localizes to the endoplasmic reticulum (ER), and may recycle between the ER and ER-Golgi intermediate compartment. Mutations in this gene are associated with progressive epilepsy with mental retardation (EMPR), which is a subtype of neuronal ceroid lipofuscinoses (NCL). Patients with mutations in this gene have altered levels of sphingolipid and phospholipids in the brain.

References

Reinhardt, K., et al. Clin. Genet. 77(1):79-85(2010)
Vantaggiato, C., et al. Hum. Mutat. 30(7):1104-1116(2009)
Kousi, M., et al. Brain 132 (PT 3), 810-819 (2009) :
Striano, P., et al. Epilepsy Behav 10(1):187-191(2007)
Hermansson, M., et al. J. Neurochem. 95(3):609-617(2005)

Images



CLN8 Antibody (C-term)(Cat. #AP18729b) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the CLN8 antibody detected the CLN8 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.