

CLN8 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18729b**Specification**

CLN8 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9UBY8](#)

CLN8 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2055

Other Names

Protein CLN8, CLN8, C8orf61

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CLN8 Antibody (C-term) Blocking Peptide - 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

CLN8 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CLN8 Antibody (C-term) Blocking Peptide - Images

CLN8 Antibody (C-term) Blocking Peptide - 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.

CLN8 Antibody (C-term) Blocking Peptide - 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)