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CLN8 Rabbit pAb

Catalog No.: A16843

Basic Information

Observed MW
33kDa

Calculated MW
33kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P

Cross-Reactivity
Human

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 a disorder characterized by progressive epilepsy with cognitive disabilities (EPMR), 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.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:100 - 1:500

Immunogen Information

Gene ID
2055

Swiss Prot
Q9UBY8

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 200-286 of human CLN8 (NP_061764.2).

Synonyms
EPMR; TLCD6; C8orf61; CLN8

Contact

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Product Information

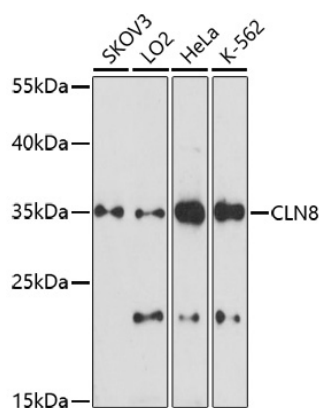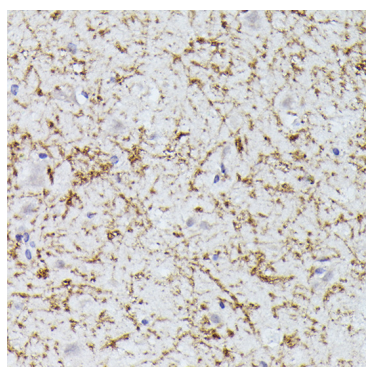| **Source**	**Isotype**	**Purification**
Rabbit	IgG	Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data

Western blot analysis of various lysates using CLN8 Rabbit pAb (A16843) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.

Immunohistochemistry analysis of CLN8 in paraffin-embedded human brain using CLN8 Rabbit pAb (A16843) at dilution of 1:300 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.