Product Name: CLN5 Rabbit Polyclonal Antibody
Catalog #: APRab09057

Summary

Production Name	CLN5 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CLN5
Alternative Names	CLN5; Ceroid-lipofuscinosis neuronal protein 5; Protein CLN5
Gene ID	1203.0
SwissProt ID	O75503.The antiserum was produced against synthesized peptide derived from human CLN5. AA range:171-220

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Molecular Weight	48kD

Background

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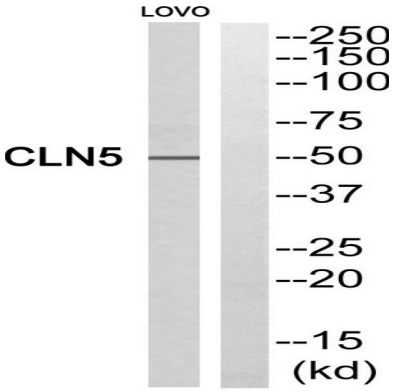
ceroid-lipofuscinosis, neuronal 5(CLN5) Homo sapiens This gene is one of eight which have been associated with neuronal ceroid lipofuscinoses (NCL). Also referred to as Batten disease, NCL comprises a class of autosomal recessive, neurodegenerative disorders affecting children. The genes responsible likely encode proteins involved in the degradation of post-translationally modified proteins in lysosomes. The primary defect in NCL disorders is thought to be associated with lysosomal storage function.[provided by RefSeq, Oct 2008],disease:Defects in CLN5 are the cause of ceroid lipofuscinosis neuronal 5 (CLN5) [MIM:256731]; also known as Finnish variant late-infantile neuronal ceroid lipofuscinosis (vLINCL). It is a fatal childhood neurodegenerative disease characterized by progressive visual and mental decline, motor disturbance, epilepsy and behavioral changes. The first symptom is motor clumsiness, followed by progressive visual failure, mental and motor deterioration and later by myoclonia and seizures.,online information:Neural Ceroid Lipofuscinoses mutation db,PTM:Glycosylated.,similarity:Belongs to the CLN5 family.,tissue specificity:Ubiquitous.,

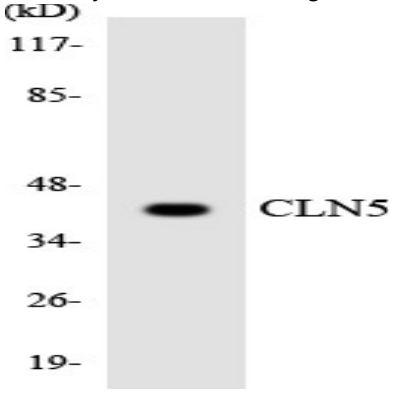
Research Area

Lysosome;

Image Data



Western blot analysis of CLN5 Antibody. The lane on the right is blocked with the CLN5 peptide.



Western blot analysis of the lysates from COLO205 cells using CLN5 antibody.

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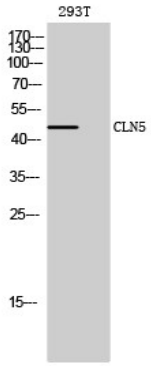

Western Blot analysis of 293T cells using CLN5 Polyclonal Antibody diluted at 1： 1000

Note

For research use only.