产品名称：CLN5 Rabbit Polyclonal Antibody
产品货号：APRab09057

产品概述（Summary）

产品名称（Production Name）	CLN5 Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,ELISA
种属反应性（Reactivity）	Human,Mouse,Rat

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

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

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量（Molecular Weight）	48kDa

研究背景（Background）

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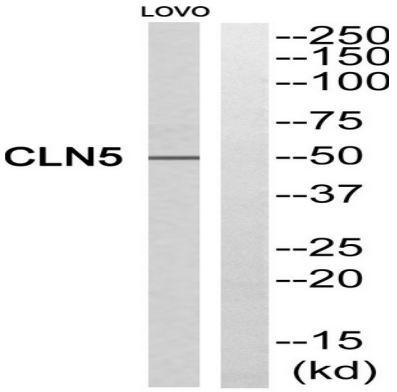
ceroid-lipofuscinosis, neuronal 5(CLN5) Homo sapiens　This gene is one of eight which have been associated with neuronal ceroid lipofuscinoses (NCL). Also referred to as Batten disease, NCL comprises a class of autosomal recessive, neurodegenerative disorders affecting children. The genes responsible 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.,

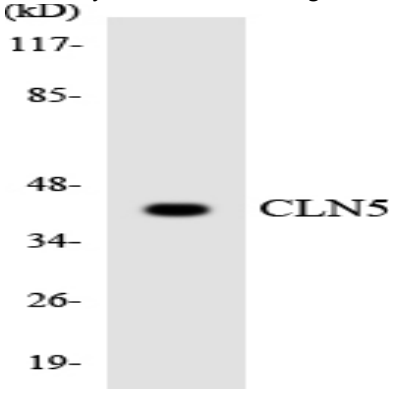
研究领域（Research Area）

Lysosome;

图片（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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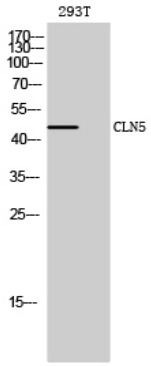

Western Blot analysis of 293T cells using CLN5 Polyclonal Antibody diluted at 1：1000

注意事项（Note）

For research use only .