



CLN5 rabbit pAb

Cat No.:ES4682

For research use only

Overview

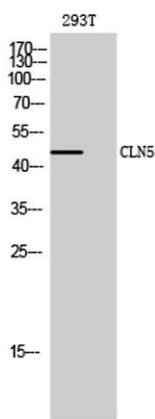
Product Name	CLN5 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CLN5. AA range:171-220
Specificity	CLN5 Polyclonal Antibody detects endogenous levels of CLN5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ceroid-lipofuscinosis neuronal protein 5
Gene Name	CLN5
Cellular localization	[Ceroid-lipofuscinosis neuronal protein 5, secreted form]: Lysosome .; [Ceroid-lipofuscinosis neuronal protein 5]: Membrane ; Single-pass type II membrane protein . An amphipathic anchor region facilitates its association with the membrane. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	48kD
Human Gene ID	1203
Human Swiss-Prot Number	O75503
Alternative Names	CLN5; Ceroid-lipofuscinosis neuronal protein 5; Protein CLN5
Background	ceroid-lipofuscinosis, neuronal 5(CLN5) Homo sapiens This gene is one of eight which have



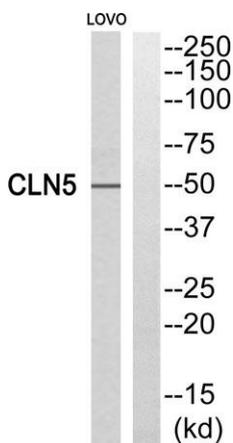


been associated with neuronal ceroid lipofuscinoses (NCL). Also referred to as Batten disease, NCL comprises a class of autosomal recessive, neurodegenerative disorders affecting children. The genes responsible likely encode proteins involved in the degradation of post-translationally modified proteins in lysosomes. The primary defect in NCL disorders is thought to be associated with lysosomal storage function.[provided by RefSeq, Oct 2008],

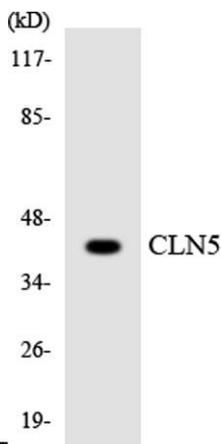
Western Blot analysis of 293T cells using CLN5 Polyclonal Antibody diluted at 1:1000



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.





ELK Biotechnology



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C