CLN5 rabbit pAb

Cat#: orb767557 (Manual)

For research use only. Not intended for diagnostic use.

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.

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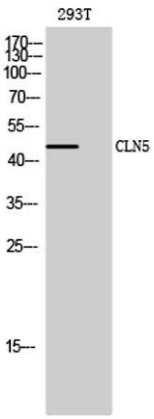
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	48kD
Human Gene ID	1203
Human Swiss-Prot Number	O75503
Alternative Names	CLN5; Ceroid-lipofuscinosis neuronal protein 5; Protein CLN5
Background	ceroid-lipofuscinosis, neuronal 5(CLN5) Homo sapiens This gene is one of eight which have been associated 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

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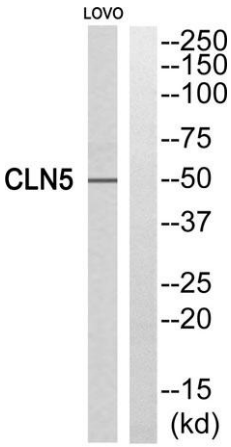
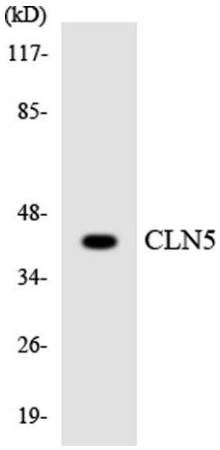


Western blot analysis of CLN5 Antibody. The lane on the right is blocked with the CLN5 peptide.



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

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