

## ARG58407 anti-CLN5 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CLN5
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CLN5
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 96-407 of Human CLN5 (NP_006484.1).
Conjugation	Un-conjugated
Alternate Names	NCL; Protein CLN5; Ceroid-lipofuscinosis neuronal protein 5

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse heart	
Observed Size	50 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

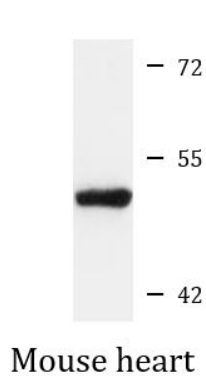
## Bioinformation

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Gene Symbol	CLN5
Gene Full Name	ceroid-lipofuscinosis, neuronal 5
Background	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]
Calculated Mw	41 kDa
PTM	<p>N-glycosylated with both high mannose and complex type sugars. Glycosylation is important for proper folding and trafficking to the lysosomes.</p> <p>Ceroid-lipofuscinosis neuronal protein 5: The type II membrane signal anchor is proteolytically cleaved to produce a mature form that is transported to the lysosomes (Ceroid-lipofuscinosis neuronal protein 5, secreted form) (PubMed:24038957, PubMed:20052765).</p> <p>Can undergo proteolytic cleavage at the C-terminus, probably by a cysteine protease and may involve the removal of approximately 10-15 residues from the C-terminal end (PubMed:26342652). [UniProt]</p>
Cellular Localization	Lysosome. [UniProt]

## Images

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ARG58407 anti-CLN5 antibody WB image

Western blot: 25 µg of Mouse heart lysate stained with ARG58407 anti-CLN5 antibody at 1:3000 dilution.