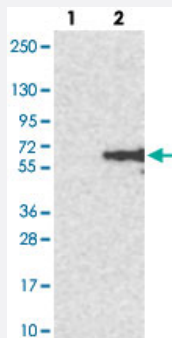


# CLN5 polyclonal antibody

Catalog # PAB27910

Size 100 uL

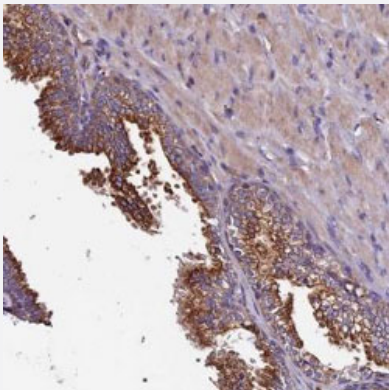
## Applications



### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate).

Lane 2: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells with CLN5 polyclonal antibody (Cat # PAB27910).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human prostate with CLN5 polyclonal antibody (Cat # PAB27910) shows strong cytoplasmic positivity in glandular cells.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant CLN5.
Immunogen	Recombinant protein corresponding to amino acids of human CLN5.
Sequence	TLTGKNYTM EWYELFQLGNCTFPHLRPEMDAPFWCNQGAACFFEGIDDVHWKENGTLVQVATIS GNMFNQMAKWVKQDNETGIYYETWNVKASPEK
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2, (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — CLN5

Entrez GeneID	<a href="#">1203</a>
Gene Name	CLN5
Gene Alias	FLJ90628, NCL
Gene Description	ceroid-lipofuscinosis, neuronal 5
Omim ID	<a href="#">256731</a> <a href="#">608102</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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

**Other Designations**

OTTHUMP00000018521

## Pathway

- [Lysosome](#)

## Disease

- [Neuronal Ceroid-Lipofuscinoses](#)