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Datasheet for ABIN2782927 anti-CLN6 antibody (C-Term)

2 Images



Overview

Quantity:	100 µL
Target:	CLN6
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Guinea Pig, Rabbit, Cow, Sheep, Zebrafish (Danio rerio), Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLN6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CLN6
Sequence:	RLFLDSNGLF LFSSFALTLL LVALWVAWLW NDPVLRKKYP GVIYVPEPWA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against CLN6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	CLN6

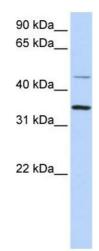
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Target Details		
Alternative Name:	CLN6 (CLN6 Products)	
Background:	CLN6 is one of eight which have been associated with neuronal ceroid lipofuscinoses (NCL).	
	Also referred to as Batten disease, NCL comprises a class of autosomal recessive,	
	neurodegenerative disorders affecting children. The genes responsible likely CLN6 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.	
	Alias Symbols: FLJ20561, HsT18960, nclf, CLN4A	
	Protein Interaction Partner: RNF2, BMI1, ILK, env, DERL1, VCP, UBC,	
	Protein Size: 311	
Molecular Weight:	36 kDa	
Gene ID:	54982	
NCBI Accession:	NM_017882, NP_060352	
UniProt:	Q9NWW5	
Pathways:	Glycosaminoglycan Metabolic Process	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 311 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	

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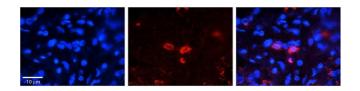
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CLN6 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 293T cell lysate CLN6 is supported by BioGPS gene expression data to be expressed in HEK293T



Immunohistochemistry

Image 2. Rabbit Anti-CLN6 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue Observed Staining: Cytoplasmic in cell bodies of pinealocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

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