Rabbit CLN6 Polyclonal Antibody | anti-CLN6 antibody

CLN6 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199792	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

CLN6; Polyclonal Antibody; CLN6 antibody - C-terminal region; anti-CLN6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:RL FLDSNGLFLF SSFALTLLLV ALWVAWLWND PVLRKKYPGV IYVPEPWA
Sequence Length	311
Applicable Applications for anti-CLN6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human CLN6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
WB Suggested Anti-CLN6 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:1562500Positive Control: 293T cell lysateCLN6 is supported by BioGPS gene expression data to be expressed in HEK293T

IHC (Immunohistochemistry)
Rabbit Anti-CLN6 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Pineal TissueObserved Staining: Cytoplasmic in cell bodies of pinealocytesPrimary Antibody Concentration: 1:100Other Working Concentrations: 1/600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-CLN6 antibody	This is a rabbit polyclonal antibody against CLN6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-CLN6 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923532
NCBI GeneID	54982
NCBI Accession #	NP_060352
NCBI GenBank Nucleotide #	NM_017882
UniProt Accession #	Q9NWW5
Molecular Weight	36kDa
NCBI Official Full Name	ceroid-lipofuscinosis neuronal protein 6
NCBI Official Synonym Full Names	CLN6 transmembrane ER protein
NCBI Official Symbol	CLN6
NCBI Official Synonym Symbols	nclf; CLN4A; HsT18960
NCBI Protein Information	ceroid-lipofuscinosis neuronal protein 6
UniProt Protein Name	Ceroid-lipofuscinosis neuronal protein 6
UniProt Gene Name	**CLN6**
UniProt Synonym Gene Names	Protein CLN6
UniProt Entry Name	CLN6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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