CLN5 Antibody

Catalog No: #46515

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Description

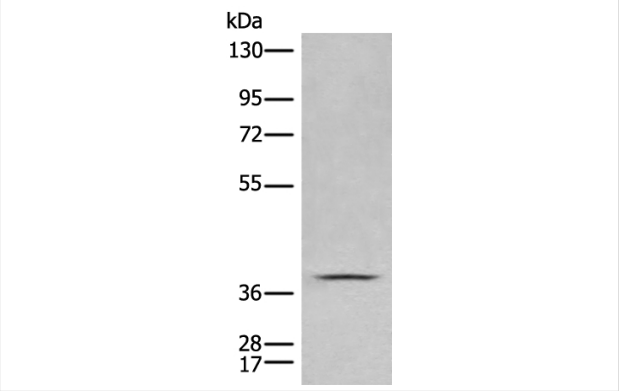
Product Name	CLN5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CLN5 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human CLN5
Target Name	CLN5
Other Names	NCL
Accession No.	Swiss-Prot:O75503NCBI Gene ID:1203NCBI Protein:NP_006484
Uniprot	O75503
GeneID	1203;
Calculated MW	41 kDa
Concentration	2.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

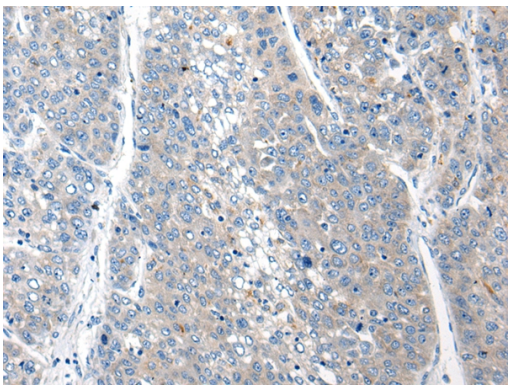
Western blotting: 1:200-1:1000

Immunohistochemistry: 1: 40-200

Images



Gel: 8%SDS-PAGE
lysate: 40 B¦Γ g, Lane: 231 cell lysate,
Primary antibody: 46515B£B¨CLN5 Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 10 minutes



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46515(CLN5 Antibody) at dilution 1/65, on the right is treated with synthetic peptide. (Original magnification: x200)

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.

Note: This product is for in vitro research use only