abcam

Product datasheet

Anti-CLN6 antibody ab75007

2 Images

Overview

Product name	Anti-CLN6 antibody
Description	Rabbit polyclonal to CLN6
Host species	Rabbit
Specificity	ab75007 detects endogenous levels of total CLN6 protein.
Tested applications	**Suitable for:** WB, ELISA, IHC-P
Species reactivity	**Reacts with:** Human
Immunogen	Synthesized peptide derived from an internal region of human CLN6.
Positive control	WB: extracts from HeLa cells IHC-P: human cervix tissue

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg^{2+} and Ca^{2+}), 150mM Sodium chloride, pH 7.4
Purity	Immunogen affinity purified
Purification notes	The antibody was affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab75007 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 36 kDa.

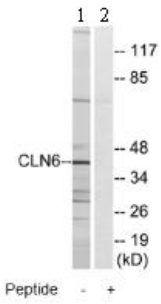
Application	Abreviews	Notes
ELISA		1/40000.
IHC-P		1/50 - 1/100.

Target

Relevance Defects in CLN6 are the cause of variant late onset infantile neuronal ceroid lipofuscinosis (vLINCL).

Cellular localization Endoplasmic reticulum membrane; Multi pass membrane protein.

Images



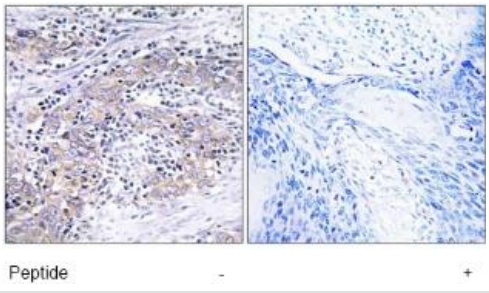
Western blot - Anti-CLN6 antibody (ab75007)

All lanes : Anti-CLN6 antibody (ab75007) at 1/500 dilution

Lane 1 : extracts from HeLa cells
Lane 2 : extracts from HeLa cells with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 36 kDa
Observed band size: 36 kDa
Additional bands at: 28 kDa, 30 kDa, 78 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CLN6 antibody (ab75007)

Immunohistochemical analysis of CLN6 in paraffin embedded human cervix tissue using ab75007 at 1/50 dilution with (right image) or without (left image) the immunising peptide.

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