

Anti-CLN3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Cow,Horse,Rabbit,Monkey,Macaque)
Molecular Weight:	Theoretical: 48 kDa. Actual: 50 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Bone (Mouse) Lysate at 40 µg Primary: Anti-CLN3 (TMAB-04459) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 50 kD 2. Sample: Heart (Mouse) Lysate at 40 µg Primary: Anti-CLN3 (TMAB-04459) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 50 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CLN3
Antigen Species:	Human
Gene ID:	1201
Uniprot ID:	Q13286

Research Background

This gene encodes a protein that is involved in lysosomal function. Mutations in this, as well as other neuronal ceroid-lipofuscinosis (CLN) genes, cause neurodegenerative diseases commonly known as Batten disease or collectively known as neuronal ceroid lipofuscinoses (NCLs). Many alternatively spliced transcript variants have been found for this gene.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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