BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-GLG1 Antibody (C-term)

Catalog Number: A07510

About GLG1

The enzyme 17-beta hydroxysteroid dehydrogenase-12 (HSD17B12) uses NADPH to reduce 3-ketoacyl-CoA to 3-hydroxyacyl-CoA during the second step of fatty acid elongation.

Overview

Product Name	Anti-GLG1 Antibody (C-term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-GLG1 Antibody (C-term) (Catalog # A07510). Tested in WB, IHC-P application(s). This antibody reacts with Human, Mouse.
Application	IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q92896

Technical Details

Immunogen	This GLG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1152-1179 amino acids from the C-terminal region of human GLG1.
Predicted Reactive Species	Chicken, Hamster, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 IHC-P: 1:50-1:100

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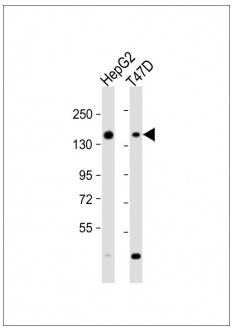
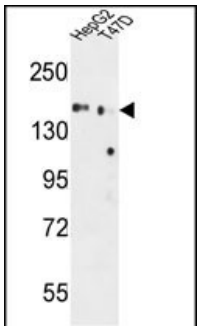
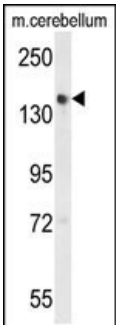
Anti-GLG1 Antibody (C-term) (A07510) Images



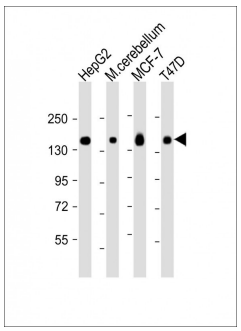
All lanes : Anti-GLG1 Antibody (C-term) at 1:2000 dilutionLane 1: HepG2 whole cell lysateLane 2: T47D whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 136 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



GLG1 Antibody (C-term) western blot analysis in HepG2,T47D cell line lysates (35ug/lane).This demonstrates the GLG1 antibody detected the GLG1 protein (arrow).



Western blot analysis of GLG1 Antibody (C-term) in mouse cerebellum tissue lysates (35ug/lane). GLG1 (arrow) was detected using the purified Pab.



All lanes : Anti-GLG1 Antibody (C-term) at 1:2000 dilutionLane 1: HepG2 whole cell lysateLane 2: mouse cerebellum lysateLane 3: MCF-7 whole cell lysateLane 4: T47D whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 136 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

All lanes : Anti-GLG1 Antibody (C-term) at 1:2000 dilutionLane 1: MCF-7 lysateLane 2: HepG2 whole cell lysateLane 3: T47D whole cell lysateLane 4: mouse cerebellum lysateLane 5: human placenta lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 136 kDaBlocking/Dilution

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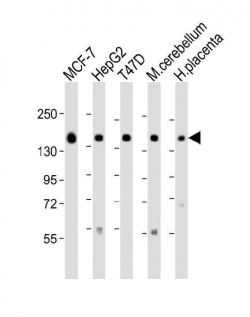
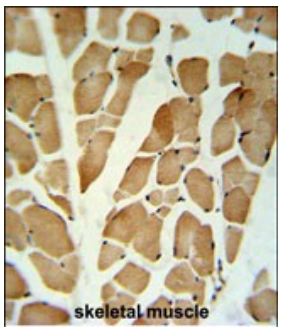


buffer: 5% NFDM/TBST.



GLG1 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GLG1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Anti-GLG1 Antibody (C-term)

For Research Use Only. Not for use in diagnostic procedures.