

Anti-AGXT Antibody

Catalog Number: M02267

About AGXT

IFN-induced antiviral protein which disrupts intracellular cholesterol homeostasis. Inhibits the entry of viruses to the host cell cytoplasm by preventing viral fusion with cholesterol depleted endosomes. May inactivate new enveloped viruses which buds out of the infected cell, by letting them go out with a cholesterol depleted membrane. Active against multiple viruses, including influenza A virus, SARS coronavirus (SARS-CoV), Marburg virus (MARV) and Ebola virus (EBOV), Dengue virus (DENV), West Nile virus (WNV), human immunodeficiency virus type 1 (HIV-1) and vesicular stomatitis virus (VSV). Can inhibit: influenza virus hemagglutinin protein-mediated viral entry, MARV and EBOV GP1,2- mediated viral entry, SARS-CoV S protein-mediated viral entry and VSV G protein-mediated viral entry. Plays a critical role in the structural stability and function of vacuolar ATPase (v-ATPase). Establishes physical contact with the v-ATPase of endosomes which is critical for proper clathrin localization and is also required for the function of the v-ATPase to lower the pH in phagocytic endosomes thus establishing an antiviral state.

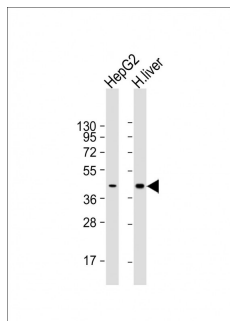
Overview

Product Name	Anti-AGXT Antibody
Reactive Species	Human
Description	Boster Bio Anti-AGXT Antibody (Catalog # M02267). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 1739CT804.82.83.1
Formulation	Purified monoclonal 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	Mouse
Uniprot ID	P21549

Technical Details

Immunogen	This AGXT antibody is generated from a mouse immunized with a recombinant protein between 188-375 amino acids from the human AGXT.
Predicted Reactive Species	Human
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:1000-1:2000

Anti-AGXT Antibody (M02267) Images



All lanes : Anti-AGXT Antibody at 1:1000-1:2000 dilution
Lane 1: HepG2 whole cell lysate
Lane 2: human liver lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 43 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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Anti-AGXT Antibody

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