BOSTER BIOLOGICAL TECHNOLOGY
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Anti-GNG3 Antibody (C-Term)

Catalog Number: M13077

About GNG3

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein- effector interaction.

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Overview

Product Name	Anti-GNG3 Antibody (C-Term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-GNG3 Antibody (C-Term) (Catalog # M13077). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human, Mouse.
Application	Flow Cytometry, 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	P63215

Technical Details

Immunogen	This GNG3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 39-69 amino acids from human GNG3.
Predicted Reactive Species	Bovine
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000

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	FC: 1:25

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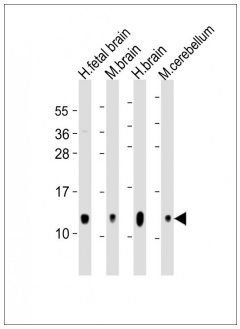
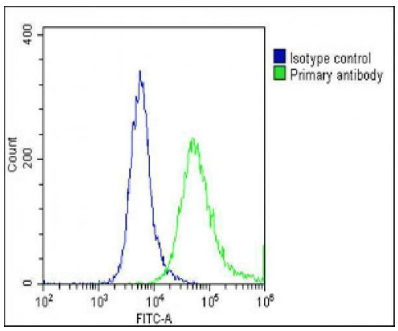
Anti-GNG3 Antibody (C-Term) (M13077) Images



All lanes : Anti-GNG3 Antibody (C-Term) at 1:2000 dilutionLane 1: human fetal brain lysateLane 2: mouse brain lysateLane 3: human brain lysateLane 4: mouse cerebellum lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 8 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing U-87 MG cells stained with M13077(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M13077, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1ug/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

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