BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-TPRA1 Antibody (N-Term)

Catalog Number: M30823

About TPRA1

Rab GTPase key regulator in vesicle trafficking. Essential for maintaining the integrity of the endosome-trans- Golgi network structure. Together with LRRK2, plays a role in the retrograde trafficking pathway for recycling proteins, such as mannose 6 phosphate receptor (M6PR), between lysosomes and the Golgi apparatus in a retromer-dependent manner. Regulates neuronal process morphology in the intact central nervous system (CNS). May play a role in the formation of typhoid toxin transport intermediates during Salmonella enterica serovar Typhi (S.Typhi) epithelial cell infection.

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Overview

Product Name	Anti-TPRA1 Antibody (N-Term)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-TPRA1 Antibody (N-Term) (Catalog # M30823). 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	Q86W33

Technical Details

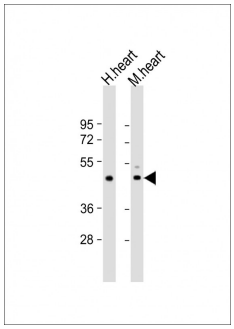
Immunogen	This TPRA1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 16-47 amino acids from human TPRA1.
Predicted Reactive Species	Bovine, Chicken, Hamster, Horse, Mouse, Rabbit, Rat
Isotype	Rabbit IgG

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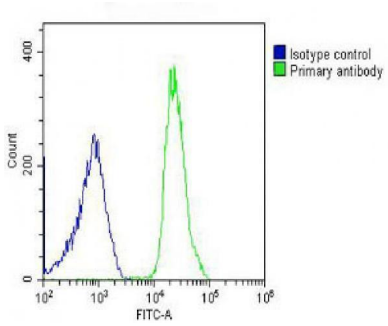
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 FC: 1:25

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Anti-TPRA1 Antibody (N-Term) (M30823) Images



All lanes : Anti-TPRA1 Antibody (N-Term) at 1:2000 dilutionLane 1: human heart lysateLane 2: mouse heart lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing U-2OS cells stained with M30823 (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 (M30823, 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 IgG (1ug/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

Anti-TPRA1 Antibody (N-Term)

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