BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-RPS4X Antibody (C-Term)

Catalog Number: M09096

About RPS4X

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

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Overview

Product Name	Anti-RPS4X Antibody (C-Term)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RPS4X Antibody (C-Term) (Catalog # M09096). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human, Mouse, Rat.
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	P62701

Technical Details

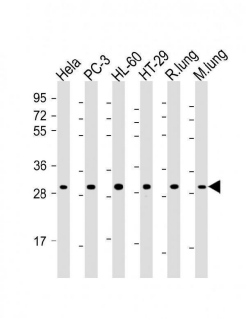
Immunogen	This RPS4X antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 209-243 amino acids from the human region of human RPS4X.
Predicted Reactive Species	Bovine, Chicken, Hamster, Xenopus
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.

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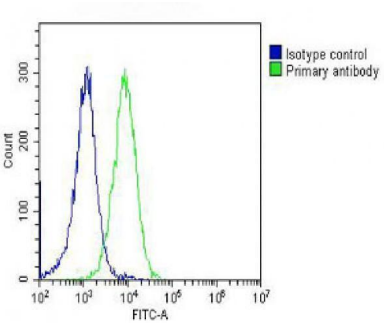
Suggested Dilutions	WB: 1:2000 FC: 1:25

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Anti-RPS4X Antibody (C-Term) (M09096) Images



All lanes : Anti-RPS4X Antibody (C-Term) at 1:2000 dilutionLane 1: Hela whole cell lysateLane 2: PC-3 whole cell lysateLane 3: HL-60 whole cell lysateLane 4: HT-29 whole cell lysateLane 5: rat lung lysateLane 6: mouse lung lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 30 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing Hela cells stained with M09096 (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 (M09096, 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-RPS4X Antibody (C-Term)

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