

Anti-CERS4 Antibody (N-Term)

Catalog Number: M30561

About CERS4

May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donors (N-linked stearyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner (By similarity).

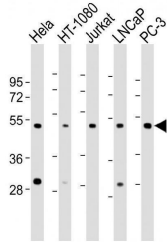
Overview

Product Name	Anti-CERS4 Antibody (N-Term)
Reactive Species	Human
Description	Boster Bio Anti-CERS4 Antibody (N-Term) (Catalog # M30561). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human.
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	Q9HA82

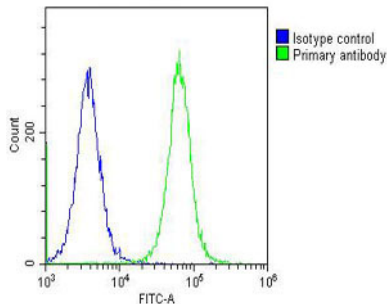
Technical Details

Immunogen	This CERS4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 21-51 amino acids from human CERS4.
Predicted Reactive Species	Bovine, Chicken, Hamster, Horse, Mouse, Rabbit, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 FC: 1:25

Anti-CERS4 Antibody (N-Term) (M30561) Images



All lanes : Anti-CERS4 Antibody (N-Term) at 1:2000 dilution
Lane 1: HeLa whole cell lysate
Lane 2: HT-1080 whole cell lysate
Lane 3: Jurkat whole cell lysate
Lane 4: LNCaP whole cell lysate
Lane 5: PC-3 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.



Overlay histogram showing HeLa cells stained with M30561 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M30561, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG (1µg/1x10⁶ 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.