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

Anti-CHRNA9 Antibody (N-term)

Catalog Number: A05280-1

About CHRNA9

Ionotropic receptor with a probable role in the modulation of auditory stimuli. Agonist binding may induce an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. The channel is permeable to a range of divalent cations including calcium, the influx of which may activate a potassium current which hyperpolarizes the cell membrane. In the ear, this may lead to a reduction in basilar membrane motion, altering the activity of auditory nerve fibers and reducing the range of dynamic hearing. This may protect against acoustic trauma. May also regulate keratinocyte adhesion.

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Overview

Product Name	Anti-CHRNA9 Antibody (N-term)
Reactive Species	Human
Description	Boster Bio Anti-CHRNA9 Antibody (N-term) (Catalog # A05280-1). Tested in Flow Cytometry, WB 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	Q9UGM1

Technical Details

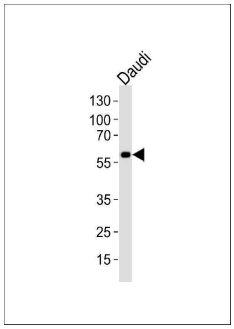
Immunogen	This CHRNA9 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 8-42 amino acids from the N-terminal region of human CHRNA9.
Predicted Reactive Species	Bovine, Rat
Isotype	Rabbit IgG

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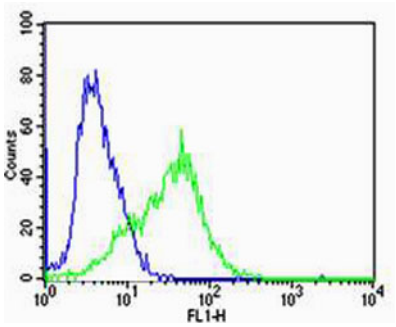
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 FC: 1:25

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Anti-CHRNA9 Antibody (N-term) (A05280-1) Images



Western blot analysis of lysate from Daudi cell line, using CHRNA9 Antibody (N-term). A05280-1 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



Flow cytometric analysis of Jurkat cells using CHRNA9 Antibody (N-term) (green, Cat#A05280-1) compared to an isotype control of rabbit IgG (blue). A05280-1 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

Anti-CHRNA9 Antibody (N-term)

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