Datasheet for ABIN6244209

# anti-CHRNE antibody (AA 409-443)

2 Images

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## Overview

| | |
|---|---|
| Quantity: | 200 µL |
| Target: | CHRNE |
| Binding Specificity: | AA 409-443 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CHRNE antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS) |

## Product Details

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|---|---|
| Immunogen: | This CHRNE antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 409-443 amino acids from the Central region of human CHRNE. |
| Clone: | RB56765 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | M, Rat |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

## Target Details

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|---|---|
| Target: | CHRNE |
| Alternative Name: | CHRNE (CHRNE Products) |

## Target Details

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|---|---|
| Background: | After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. |
| Molecular Weight: | 54697 |
| UniProt: | Q04844 |

## Application Details

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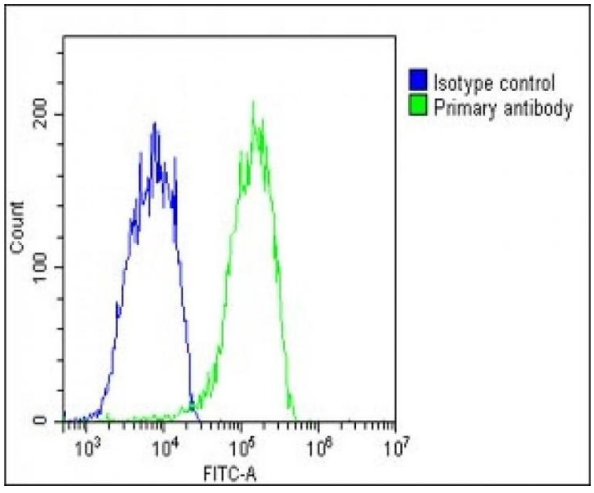
|---|---|
| Application Notes: | WB: 1:2000. FC: 1:25 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Expiry Date: | 6 months |

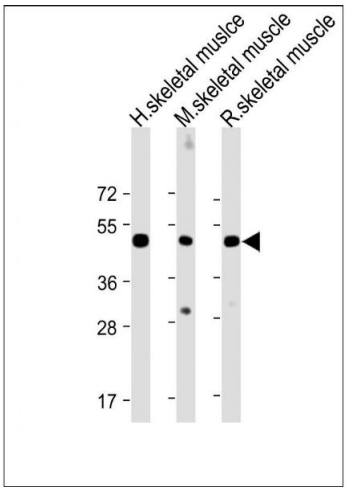
## Images




**Flow Cytometry**

**Image 1.** Overlay histogram showing HepG2 cells stained with (ABIN6244209 and ABIN6578833)(green line). The cells were fixed with 2 % paraformaldehyde (10 min). The cells were then icubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6244209 and ABIN6578833), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1

(1 µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.




## Western Blotting

**Image 2.** All lanes : Anti-CHRNE Antibody (Center) at 1:2000 dilution Lane 1: Human skeletal muslce lysate Lane 2: Mouse skeletal muscle lysate Lane 3: Rat skeletal muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 55 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.