

## Datasheet for ABIN630102 **anti-CHRNA5 antibody (Middle Region)**



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### 1 Image

#### Overview

|                      |                                       |
|----------------------|---------------------------------------|
| Quantity:            | 100 µg                                |
| Target:              | CHRNA5                                |
| Binding Specificity: | Middle Region                         |
| Reactivity:          | Human, Dog                            |
| Host:                | Rabbit                                |
| Clonality:           | Polyclonal                            |
| Conjugate:           | This CHRNA5 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                 |

#### Product Details

|               |   |
|---------------|---|
| Immunogen:    | CHRNA5 antibody was raised using the middle region of CHRNA5 corresponding to a region with amino acids DGSQVDIILEDQDVKRDFFDNGEWEIVSATGSKGNRTDSCCWYPYVTYS |
| Specificity:  | CHRNA5 antibody was raised against the middle region of CHRNA5  |
| Purification: | Purified  |

#### Target Details

|                   |  |
|-------------------|--|
| Target:           | CHRNA5   |
| Alternative Name: | CHRNA5 ( <a href="#">CHRNA5 Products</a> )   |
| Background:       | Nicotinic acetylcholine receptors (nAChRs), such as CHRNA5, are members of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The nAChRs are thought to be (hetero)pentamers composed of homologous subunits. |

## Target Details

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Molecular Weight: 53 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: CHRNA5 Blocking Peptide, catalog no. 33R-1967, is also available for use as a blocking control in assays to test for specificity of this CHRNA5 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CHRNA5 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

## Images

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### Western Blotting

**Image 1.** CHRNA5 antibody used at 1 µg/ml to detect target protein.