

**CHRNA4 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10768**

**Specification**

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**CHRNA4 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">P43681</a>
Other Accession	<a href="#">NM_000744</a> , <a href="#">NP_000735</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67kDa KDa

**CHRNA4 antibody - N-terminal region - Additional Information**

**Gene ID** 1137

**Alias Symbol** BFNC, EBN, EBN1, NACRA4, NACHR, NACHRA4

**Other Names**

Neuronal acetylcholine receptor subunit alpha-4, CHRNA4, NACRA4

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-CHRNA4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

CHRNA4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**CHRNA4 antibody - N-terminal region - Protein Information**

**Name** CHRNA4

**Synonyms** NACRA4

**Function**

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 permeable to sodium ions.

### Cellular Location

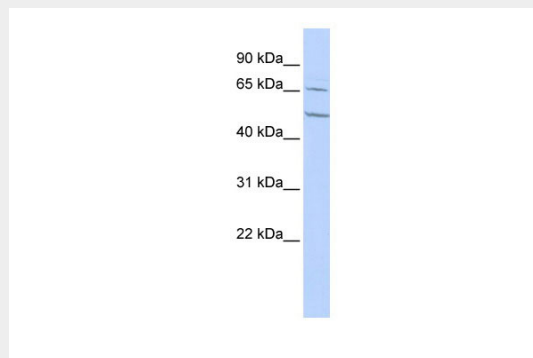
Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Cell membrane; Lipid-anchor

### CHRNA4 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CHRNA4 antibody - N-terminal region - Images



WB Suggested Anti-CHRNA4 Antibody Titration: 0.2-1  $\mu$ g/ml  
Positive Control: HepG2 cell lysate

### CHRNA4 antibody - N-terminal region - References

Fedi, M., (2008) J. Clin. Endocrinol. Metab. 93 (2), 634-637 Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles. Publications: Ishizuka, T., Ozawa, A., Goshima, H. & Watanabe, Y. Involvement of nicotinic acetylcholine receptor in the proliferation of mouse induced pluripotent stem cells. Life Sci. 90, 637-48 (2012). WB, Mouse, Guinea pig, Human, Rat, Dog, Zebrafish, Bovine, H, Rabbit 22483693