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

Specification

CHRNA4 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	P43681
Other Accession	NM_000744, NP_000735
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.

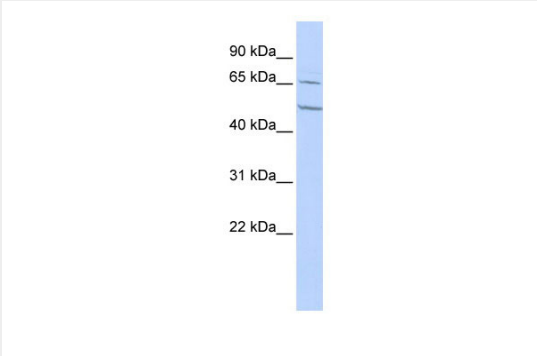
Cellular Location
Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Cell membrane; Lipid-anchor

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 Cytomety
- Cell Culture

CHRNA4 antibody - N-terminal region - Images



WB Suggested Anti-CHRNA4 Antibody Titration: 0.2-1 µg/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, Rabbit22483693