

Anti-CHRNA4 Picoband Antibody
Catalog # ABO10237**Specification**

Anti-CHRNA4 Picoband Antibody - Product Information

Application	WB
Primary Accession	P43681
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for CHRNA4 detection. Tested with WB in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-CHRNA4 Picoband Antibody - Additional Information

Gene ID 1137

Other Names

Neuronal acetylcholine receptor subunit alpha-4, CHRNA4, NACRA4

Application Details

Western blot, 0.1-0.5 µg/ml

Subcellular Localization

Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Cell membrane ; Lipid-anchor .

Contents

Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence of human CHRNA4 (HVETRAHAEERLLKKLFSGYNKWSRPVANISD).

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C; for one year. After reconstitution, at 4°C; for one month. It can also be aliquotted and stored frozen at -20°C; for a longer time. Avoid repeated freezing and thawing.

Anti-CHRNA4 Picoband Antibody - 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

Anti-CHRNA4 Picoband Antibody - 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](#)

Anti-CHRNA4 Picoband Antibody - Images