

**Anti-ACHA4 Rabbit Monoclonal Antibody**  
Catalog # ABO15818

**Specification**

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**Anti-ACHA4 Rabbit Monoclonal Antibody - Product Information**

Application	WB, IP
Primary Accession	<a href="#">P43681</a>
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-ACHA4 Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.

**Anti-ACHA4 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 1137

**Other Names**

Neuronal acetylcholine receptor subunit alpha-4, CHRNA4, NACRA4

**Calculated MW**

70 kDa KDa

**Application Details**

WB 1:1000-1:5000<br>IP 1:50

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human ACHA4

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-ACHA4 Rabbit Monoclonal 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

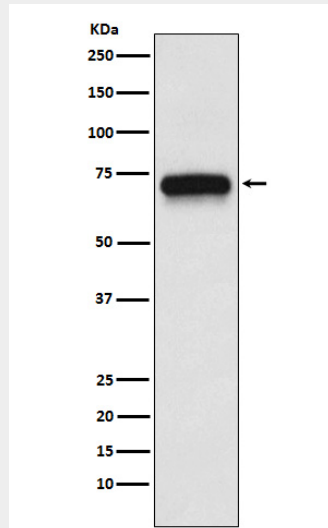
Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Cell membrane; Lipid-anchor

## Anti-ACHA4 Rabbit Monoclonal 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-ACHA4 Rabbit Monoclonal Antibody - Images



Western blot analysis of ACHA4 expression in SH-SY5Y cell lysate.