

**CHRNA7 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51984**

**Specification**

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**CHRNA7 Antibody - Product Information**

Application	<b>WB, E</b>
Primary Accession	<a href="#">P36544</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>50 KDa</b>

**CHRNA7 Antibody - Additional Information**

**Gene ID** 1139;89832

**Other Names**

Neuronal acetylcholine receptor subunit alpha-7, CHRNA7, NACHRA7

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**CHRNA7 Antibody - Protein Information**

**Name** CHRNA7

**Synonyms** NACHRA7

**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. The channel is blocked by alpha-bungarotoxin.

**Cellular Location**

Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Note=TMEM35A/NACHO promotes its trafficking to the cell membrane (PubMed:27789755). RIC3 promotes its trafficking to the cell membrane (By similarity) {ECO:0000250|UniProtKB:Q05941, ECO:0000269|PubMed:27789755}

**CHRNA7 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](#)

### **CHRNA7 Antibody - Images**

### **CHRNA7 Antibody - Background**

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. The channel is blocked by alpha-bungarotoxin.

### **CHRNA7 Antibody - References**

- Peng X., et al. Mol. Pharmacol. 45:546-554(1994).  
Logel J., et al. Submitted (DEC-1995) to the EMBL/GenBank/DDBJ databases.  
Elliott K.J., et al. J. Mol. Neurosci. 7:217-228(1996).  
Groot Kormelink P.J., et al. FEBS Lett. 400:309-314(1997).  
Groot Kormelink P.J., et al. Submitted (JAN-1998) to the EMBL/GenBank/DDBJ databases.