

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

Specification

CHRNA7 Antibody - Product Information

Application	WB, E
Primary Accession	P36544
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50 KDa

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.