

**CHRFAM7A / CHRNA7-FAM7A Antibody (N-Term)**  
Peptide-affinity purified goat antibody  
Catalog # AF2743a

**Specification**

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**CHRFAM7A / CHRNA7-FAM7A Antibody (N-Term) - Product Information**

Application	E
Primary Accession	<a href="#">P36544</a>
Other Accession	<a href="#">NP_647536.1</a> , <a href="#">89832</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	56449

**CHRFAM7A / CHRNA7-FAM7A Antibody (N-Term) - Additional Information**

**Gene ID** 1139;89832

**Other Names**

Neuronal acetylcholine receptor subunit alpha-7, CHRNA7, NACHRA7

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CHRFAM7A / CHRNA7-FAM7A Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CHRFAM7A / CHRNA7-FAM7A Antibody (N-Term) - 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}

### **CHRFAM7A / CHRNA7-FAM7A Antibody (N-Term) - 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](#)

### **CHRFAM7A / CHRNA7-FAM7A Antibody (N-Term) - Images**

### **CHRFAM7A / CHRNA7-FAM7A Antibody (N-Term) - Background**

This antibody is expected to recognize reported isoform NP\_647536.1 only.

### **CHRFAM7A / CHRNA7-FAM7A Antibody (N-Term) - References**

Sensory gating and alpha-7 nicotinic receptor gene allelic variants in schizoaffective disorder, bipolar type. Martin LF, Leonard S, Hall MH, Tregellas JR, Freedman R, Olincy A. Am J Med Genet B Neuropsychiatr Genet. 2007 Jul 5;144(5):611-4. PMID: 17192894