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CHRFAM7A / CHRNA7-FAM7A Antibody (N-Term)

Peptide-affinity purified goat antibody
Catalog # AF2743a

Specification

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

Application	**E**
Primary Accession	P36544
Other Accession	NP_647536.1, 89832
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 Cytomety
- 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