



## CHRFAM7A Antibody

CATALOG NUMBER: 42-036

### Specifications

**SPECIES REACTIVITY:**

**TESTED APPLICATIONS:** ELISA

**APPLICATIONS:** ELISA: Antibody detection limit dilution 1:1000. Western Blot: Preliminary experiments in human brain (amygdala, hippocampus, cerebellum) lysates gave no specific signal but low background (at antibody concentration up to 1 ug/mL).

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

**IMMUNOGEN:** CHRFAM7A antibody was raised against a 12 amino acid synthetic peptide near the N-Terminus of CHRFAM7A.

**HOST SPECIES:** Goat

### Properties

**PURIFICATION:** CHRFAM7A antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**PHYSICAL STATE:** Liquid

**BUFFER:** CHRFAM7A antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

**CONCENTRATION:** 500 ug/mL

**STORAGE CONDITIONS:** Aliquot and store at -20°C. Minimize freezing and thawing.

**CLONALITY:** Polyclonal

**CONJUGATE:** Unconjugated

### Additional Info

**ALTERNATE NAMES:** alpha-7 nicotinic cholinergic receptor subunit, alpha 7 neuronal nicotinic acetylcholine receptor-FAM7A hybrid, CHRNA7-FAM7A fusion, CHRNA7 (cholinergic receptor, nicotinic, alpha polypeptide 7, exons 5-10) and FAM7A (family with sequence similarity 7A, exons A-E) fusion, MGC120483, MGC120482, D-10, CHRNA7-DR1, alpha 7, CHRNA7-FAM7A, CHRFAM7A, CHRNA7

**ACCESSION NO.:** NP\_647536.1

**PROTEIN GI NO.:** 23312388

**OFFICIAL SYMBOL:** CHRFAM7A

**GENE ID:** 89832

### Background

**REFERENCES:** 1) Martin LF, Leonard S, Hall MH, Tregellas JR, Freedman R, Olincy A. Sensory gating and alpha-7 nicotinic receptor gene allelic variants in schizoaffective disorder, bipolar type. Am J Med Genet B Neuropsychiatr Genet. 2007 Jul 5;144(5):611-4.

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