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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB08493 - Goat Anti-CHRFAM7A / CHRNA7-FAM7A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal 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, CHRNA7 (cholinergic receptor, nicotinic, alpha 7, exons 5-10) and FAM7A (family with sequence similarity 7A, exons A-E) fusion, CHRNA7-FAM7A, CHRFAM7A

Official Symbol: CHRFAM7A

Accession Number(s): NP_647536.1

Human GeneID(s): [89832](#)

Important Comments: This antibody is expected to recognize reported isoform NP_647536.1 only.

Immunogen

Peptide with sequence QKYCIYQHFQFQ, from the N Terminus of the protein sequence according to NP_647536.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide 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 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human