

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08493 - Goat Anti-CHRFAM7A / CHRNA7-FAM7A Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

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

**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