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

EB08477 - Goat Anti-CHRNA4 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: CHRNA4, cholinergic receptor, nicotinic, alpha 4, BFNC, EBN, EBN1, NACRA4, cholinergic receptor, nicotinic, alpha 4 subunit, cholinergic receptor, nicotinic, alpha polypeptide 4, neuronal acetylcholine receptor alpha 4 subunit, neuronal nicotinic acetylcholine receptor alpha-4 subunit

Official Symbol: CHRNA4

Accession Number(s): NP_000735.1

Human GeneID(s): [1137](#)

Immunogen

Peptide with sequence C-RASSHVETRAHAE, from the internal region (near the N Terminus) of the protein sequence according to NP_000735.1.

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 1:4000.

Western blot: Preliminary experiments in Human Brain (Cerebral Cortex, Cerebellum and Frontal Cortex) 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