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