

## Goat anti-ACHRE / CHRNE Antibody

Item Number	dAP-2784
Target Molecule	Principle Name: ACHRE / CHRNE; Official Symbol: CHRNE; All Names and Symbols: CHRNE; cholinergic receptor, nicotinic, epsilon; ACHRE; CMS1D; CMS1E; CMS2A; FCCMS; SCCMS; AchR epsilon subunit; cholinergic receptor, nicotinic, epsilon polypeptide; nicotinic acetylcholine receptor epsilon polypeptide; Accession Number (s): NP_000071.1; Human Gene ID(s): 1145; Non-Human GeneID(s): 11448 (mouse) 29422 (rat)
Immunogen	DQEATGEEVSD, is from Internal region
Applications	Pep ELISA, WB Species Tested: Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	Western Blot: Approx 55kDa band observed in Mouse Fetal Skeletal Muscle lysates (calculated MW of 54.9kDa according to NP_033733.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Faber CG, Molenaar PC, Vles JS, Bonifati DM, Verschuuren JJ, van Doorn PA, Kuks JB, Wokke JH, Beeson D, De Baets M, AChR deficiency due to epsilon-subunit mutations: two common mutations in the Netherlands. Journal of neurology 2009 Oct 256 (10): 1719-23..PMID: 19544078->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**