



## Goat anti-CHRNE (aa185-197) Antibody

<b>Item Number</b>	dAP-2546
<b>Target Molecule</b>	Principle Name: CHRNE (aa185-197); Official Symbol: CHRNE; All Names and Symbols: CHRNE; cholinergic receptor, nicotinic, epsilon; ACHRE; CMS1D; CMS1E; CMS2A; FCCMS; SCCMS; AchR epsilon subunit; acetylcholine receptor subunit epsilon; cholinergic receptor, nicotinic, epsilon polypeptide; Accession Number (s): NP_000071.1; Human Gene ID(s): 1145; Non-Human GeneID(s):
<b>Immunogen</b>	DGKTINKIDIDTE, is from internal region The immunizing peptide represents a part of an extracellular domain
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 4000.
<b>Western Blot</b>	Western Blot: Preliminary experiments in Human Heart and Skeletal Muscle 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 report
<b>IHC</b>	
<b>Reference</b>	Reference(s): Faber CG, Molenaar PC, Vlies 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. J Neurol. 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**