

MaxPab®

CHRNE purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001145-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CHRNE protein.
Immunogen	CHRNE (AAI56078.1, 1 a.a. ~ 493 a.a) full-length human protein.
Sequence	MARAPLGVLLLLLGLLGRGVGKNEELRLYHHLFNNYDPGSRPVREPEDTVTISLKVTLTNLISLNEKE ETLTTSVWIGIDWQDYRLNYSKDDFGGIETLRVPSELVWLPEMLENNIDGQFGVAYDANVLVYEGG SVTWLPPAAYRSVCAVEVTYFPFDWQNCSLIFRSQTYNAEEVEFTFAVDNDGKTINKIDIDTEAYTE NGEWAIDFCPGVIRRHGGATDGPGETDVIYSLIIRRKPLFYVINIIVPCVLISGLVLLAYFLPAQAGGQ KCTVSINVLLAQTVFLFLIAQKIPETSLSVPLLGRFLIFVMVVATLVMNCVIVLNVSRQTPPTHAMSP RLRHVLELLPRLLGSPPPPEAPRAASPPRRASSVGLLLRAEELILKKPRSELVFEGQQRHRQGTW TAAFCQSLGAAAPEVRCCVDVNFVAESTRDQEATGEEVSDWVRMGNALDNICFWAALVLFVS GSSLIFLGAYFNRVPDLPYAPCIQP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — CHRNE

Entrez GeneID [1145](#)

GeneBank Accession# [BC156077.1](#)

Protein Accession# [AA156078.1](#)

Gene Name CHRNE

Gene Alias ACHRE, CMS1D, CMS1E, CMS2A, FCCMS, SCCMS

Gene Description cholinergic receptor, nicotinic, epsilon

Omim ID [100725](#) [601462](#) [608930](#) [608931](#)

Gene Ontology [Hyperlink](#)

Gene Summary Acetylcholine receptors at mature mammalian neuromuscular junctions are pentameric protein complexes composed of four subunits in the ratio of two alpha subunits to one beta, one epsilon, and one delta subunit. The acetylcholine receptor changes subunit composition shortly after birth when the epsilon subunit replaces the gamma subunit seen in embryonic receptors. Mutations in the epsilon subunit are associated with congenital myasthenic syndrome. [provided by RefSeq]

Other Designations AchR epsilon subunit|cholinergic receptor, nicotinic, epsilon polypeptide|nicotinic acetylcholine receptor epsilon polypeptide

Disease

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- [Mental Disorders](#)
- [Myasthenia Gravis](#)
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