

# Rabbit Anti-Nicotinic Acetylcholine Receptor alpha 1/CHRNA1

(100 µg/vial, Lyophilized)

**Catalog Number: BPAB2669**

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Detroit R&D, Inc.

CHRNA, also termed ACHRA, is mapped on 2q24-q32. This gene encodes the alpha subunit of the muscle acetylcholine receptor, which is the main target of pathogenic autoantibodies in autoimmune myasthenia gravis. The protein-coding sequence of the human alpha subunit gene is divided into 9 exons that correspond to different structural and functional domains of the precursor molecule.

<b>Product Name</b>	Anti-Nicotinic Acetylcholine Receptor alpha 1/CHRNA1 Antibody
<b>Reactive Species</b>	Human, Mouse, Rat
<b>Description</b>	Rabbit IgG polyclonal antibody for Acetylcholine receptor subunit alpha (CHRNA1) detection. Tested with WB in Human;Mouse;Rat.
<b>Application</b>	WB
<b>Clonality</b>	Polyclonal
<b>Formulation</b>	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
<b>Storage Instructions</b>	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
<b>Host</b>	Rabbit
<b>Uniprot ID</b>	P02708
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence at the N-terminus of human Nicotinic Acetylcholine Receptor alpha 1, identical to the related rat sequence, different from the related mouse sequence by one amino acid.
<b>Predicted Reactive Species</b>	Hamster
<b>Cross Reactivity</b>	No cross reactivity with other proteins
<b>Form</b>	Lyophilized
<b>Concentration</b>	Western blot, 0.1-0.5µg/ml, Human, Rat, Mouse

## Anti-Nicotinic Acetylcholine Receptor alpha 1/CHRNA1 Antibody Images



Anti-Nicotinic Acetylcholine Receptor alpha 1 antibody, Western blotting  
WB: Rat Skeletal Muscle Tissue Lysate