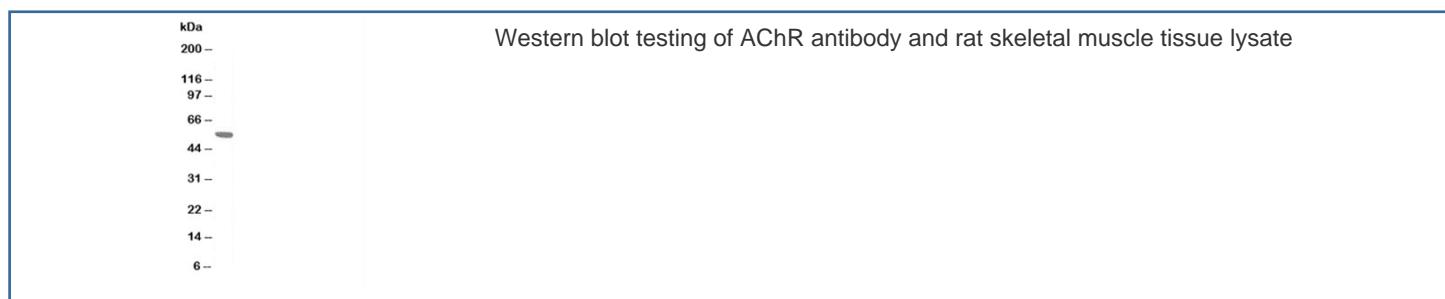


AChR Antibody (nicotinic) (R30303)

Catalog No.	Formulation	Size
R30303	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P02708
Applications	Western Blot : 0.5-1ug/ml
Limitations	This AChR antibody is available for research use only.



Description

AChR alpha, also called CHRNA, 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.

Application Notes

Titration of the AChR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 22-36 (EHETRLVAKLFKDYS) from the alpha subunit were used as the immunogen for this nicotinic AChR antibody (100% homologous in human and rat).

Storage

Store the lyophilized AChR antibody at 4oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freezing and thawing.