

Rabbit Acetylcholine receptor subunit alpha Polyclonal Antibody | anti-CHRNA1 antibody

Rabbit anti-human Acetylcholine receptor subunit alpha polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229788	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

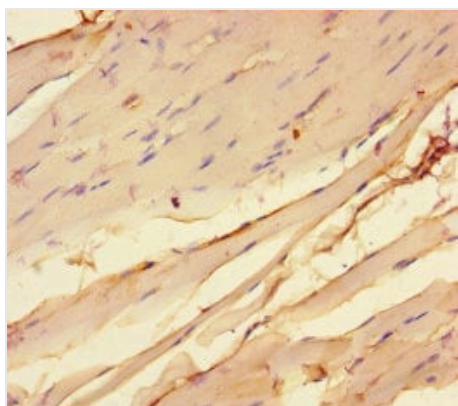
PRODUCT SYNONYMS

Acetylcholine receptor subunit alpha; Polyclonal Antibody; Rabbit anti-human Acetylcholine receptor subunit alpha polyclonal Antibody; CHRNA1 ACHRA; CHNRA; anti-CHRNA1 antibody

PRODUCT SPECIFICATIONS

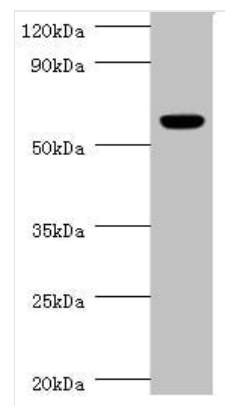
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	457
Applicable Applications for anti-CHRNA1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Acetylcholine receptor subunit alpha protein (21-255AA; Uniprot P02708)
Conjugation	non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1442
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA229788 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Acetylcholine receptor subunit alpha antibody at 2ug/ml+rat skeletal muscleSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 55,52 kDaObserved band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNA1 antibody	After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. The muscle acetylcholine receptor consists of 5 subunits of 4 different types: 2 alpha isoforms and 1 each of beta, gamma, and delta subunits.² This gene encodes an alpha subunit that plays a role in acetylcholine binding/channel gating. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-CHRNA1 antibody	Transport

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557457
NCBI GeneID	1134
NCBI Accession #	NP_000070.1
NCBI GenBank Nucleotide #	NM_000079.3
UniProt Accession #	P02708; B4DRV6; D3DPE8
Molecular Weight	51,839 Da
NCBI Official Full Name	acetylcholine receptor subunit alpha isoform b
NCBI Official Synonym Full Names	cholinergic receptor nicotinic alpha 1 subunit
NCBI Official Symbol	CHRNA1
NCBI Official Synonym Symbols	ACHRA; ACHRD; CHRNA; CMS1A; CMS1B; CMS2A; FCCMS; SCCMS
NCBI Protein Information	acetylcholine receptor subunit alpha
UniProt Protein Name	Acetylcholine receptor subunit alpha
UniProt Gene Name	CHRNA1
UniProt Synonym Gene Names	ACHRA; CHNRA
UniProt Entry Name	ACHA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/acetylcholine-receptor-subunit-alpha-antibody-immunohistochemistry-western-blot-elisa/229788>