

Rabbit CHRNA1 Polyclonal Antibody | anti-CHRNA1 antibody

CHRNA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326967	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

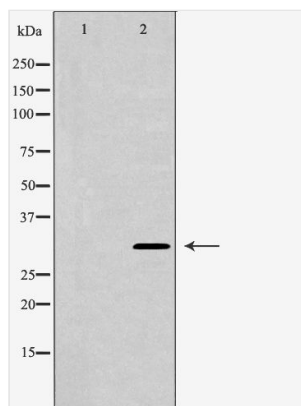
PRODUCT SYNONYMS

CHRNA1; Polyclonal Antibody; CHRNA1 Antibody; Acetylcholine receptor subunit alpha; ACHA_HUMAN; AChR; ACHRA; ACHRD; CHNRA; Cholinergic receptor nicotinic alpha 1 subunit; Cholinergic receptor nicotinic alpha polypeptide 1; Cholinergic receptor; nicotinic; alpha polypeptide 1 (muscle); Chrna1; CMS1A; CMS1B; CMS2A; FCCMS; Nicotinic cholinergic receptor alpha 1; SCCMS; Schizophrenia neurophysiologic defect candidate; anti-CHRNA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CHRNA1 antibody detects endogenous levels of total CHRNA1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Form/Format	Supplied in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	457
Applicable Applications for anti-CHRNA1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CHRNA1, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 °C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Mouse heart lysate, using CHRNA1 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNA1 antibody	Description: The muscle acetylcholine receptor consists of 5 subunits of 4 different types: 2 alpha subunits and 1 each of the beta, gamma, and delta subunits. 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.
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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	31 kDa
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

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/chrna1-antibody-immunohistochemistry-western-blot-elisa/326967>