Rabbit AChR alpha 7 Polyclonal Antibody | anti-CHRNA7 antibody

Anti-AChR alpha 7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264317	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

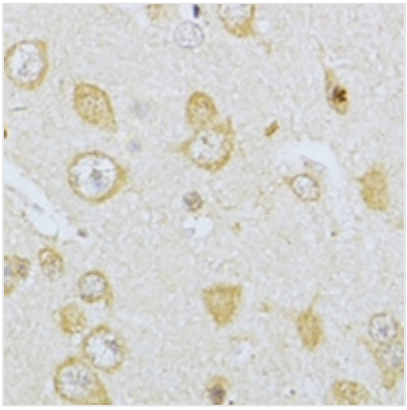
PRODUCT SYNONYMS

AChR alpha 7; Polyclonal Antibody; Anti-AChR alpha 7 Antibody; NACHRA7; Neuronal acetylcholine receptor subunit alpha-7; anti-CHRNA7 antibody

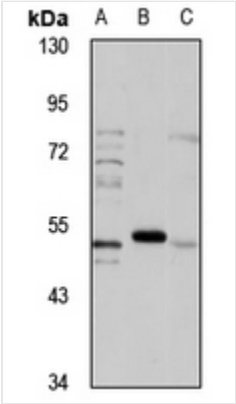
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of AChR alpha 7 protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-CHRNA7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human AChR alpha 7. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of AChR alpha 7 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of AChR alpha 7 expression in SGC7901 (A), mouse heart (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNA7 antibody	Rabbit polyclonal antibody to AChR alpha 7

NCBI AND UNIPROT INFORMATION

NCBI GI #	2506127
NCBI GeneID	89832
UniProt Accession #	P36544; P49582; Q05941; Q494W8
Molecular Weight	502
NCBI Official Full Name	Neuronal acetylcholine receptor subunit alpha-7
NCBI Official Synonym Full Names	CHRNA7 (cholinergic receptor, nicotinic, alpha 7, exons 5-10) and FAM7A (family with sequence similarity 7A, exons A-E) fusion
NCBI Official Symbol	CHRFAM7A
NCBI Official Synonym Symbols	D-10; CHRNA7; CHRNA7-DR1
NCBI Protein Information	CHRNA7-FAM7A fusion protein; alpha-7 nicotinic cholinergic receptor subunit; alpha 7 neuronal nicotinic acetylcholine receptor-FAM7A hybrid; CHRNA7 (cholinergic receptor, nicotinic, alpha polypeptide 7, exons 5-10) and FAM7A (family with sequence similari
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-7
UniProt Gene Name	**CHRNA7**
UniProt Synonym Gene Names	NACHRA7
UniProt Entry Name	ACHA7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/achr-alpha-7-antibody-immunohistochemistry-western-blot-elisa/264317