

Rabbit CHRNA5 Polyclonal Antibody | anti-CHRNA5 antibody

CHRNA5 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287253	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	ELISA, Western Blot

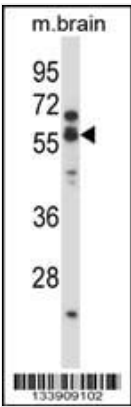
PRODUCT SYNONYMS

CHRNA5; Polyclonal Antibody; CHRNA5 Antibody (Center); Neuronal acetylcholine receptor subunit alpha-5; NACHRA5; anti-CHRNA5 antibody

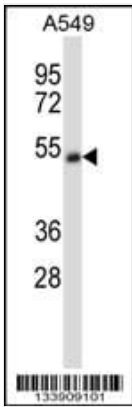
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CHRNA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-216 amino acids from the Central region of human CHRNA5.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	187-216
Sequence Length	468
Applicable Applications for anti-CHRNA5 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
CHRNA5 Antibody (Center) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the CHRNA5 antibody detected the CHRNA5 protein (arrow).



WB (Western Blot)
CHRNA5 Antibody (Center) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the CHRNA5 antibody detected the CHRNA5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNA5 antibody	The protein encoded by this gene is a nicotinic acetylcholine receptor subunit and a member of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. These receptors are thought to be heteropentamers composed of separate but similar subunits. Defects in this gene have been linked to susceptibility to lung cancer type 2 (LNCR2).
Product Categories/Family for anti-CHRNA5 antibody	Neuroscience
References	Wessel, J., et al. Neuropsychopharmacology 35(12):2392-2402(2010) Erlich, P.M., et al. Hum. Genet. 128(5):491-499(2010) Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Falvella, F.S., et al. J. Natl. Cancer Inst. 102(17):1366-1370(2010) Li, M.D., et al. PLoS ONE 5 (8), E12183 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	33589827
NCBI GeneID	1138
NCBI Accession #	NP_000736.2
NCBI GenBank Nucleotide #	NM_000745.3
UniProt Accession #	P30532; Q15824; Q99554
Molecular Weight	53054
NCBI Official Full Name	neuronal acetylcholine receptor subunit alpha-5 isoform 1
NCBI Official Synonym Full Names	cholinergic receptor, nicotinic, alpha 5 (neuronal)
NCBI Official Symbol	CHRNA5
NCBI Official Synonym Symbols	LNCR2
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-5
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-5
UniProt Gene Name	CHRNA5

UniProt Synonym Gene Names	NACHRA5
UniProt Entry Name	ACHA5_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/chrna5-antibody-western-blot-elisa/287253>