

Rabbit anti-Human CHRNA2 Polyclonal Antibody | anti-CHRNA2 antibody

CHRNA2 Antibody

CATALOG # AAA302996	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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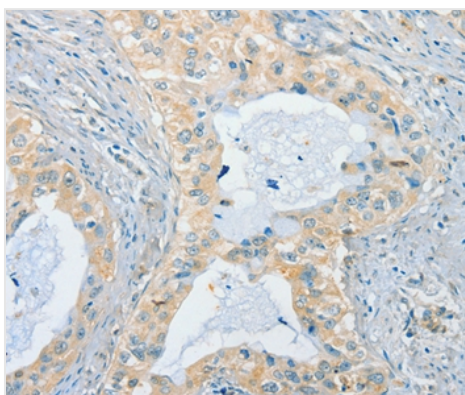
PRODUCT SYNONYMS

CHRNA2; Polyclonal Antibody; CHRNA2 Antibody; ACHA2; Neuronal acetylcholine receptor subunit alpha-2; anti-CHRNA2 antibody

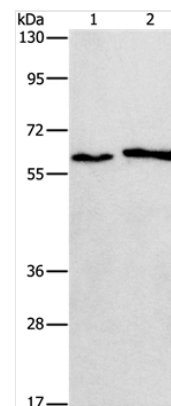
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CHRNA2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Concentration	1.9 mg/ml (varies by lot)
Sequence Length	529
Applicable Applications for anti-CHRNA2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human cholinergic receptor, nicotinic, alpha 2 (neuronal)
Target Name	CHRNA2
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/40.


Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): A172 and A549 cell Amount of lysate: 40ug per lane Primary antibody: 1/950 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNA2 antibody	Nicotinic acetylcholine receptors (nAChRs) are ligand-gated ion channels formed by a pentameric arrangement of alpha and beta subunits to create distinct muscle and neuronal receptors. Neuronal receptors are found throughout the peripheral and central nervous system where they are involved in fast synaptic transmission. This gene encodes an alpha subunit that is widely expressed in the brain. The proposed structure for nAChR subunits is a conserved N-terminal extracellular domain followed by three conserved transmembrane domains, a variable cytoplasmic loop, a fourth conserved transmembrane domain, and a short C-terminal extracellular region. Mutations in this gene cause autosomal dominant nocturnal frontal lobe epilepsy type 4. Single nucleotide polymorphisms (SNPs) in this gene have been associated with nicotine dependence.
Product Categories/Family for anti-CHRNA2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792669
NCBI GeneID	1135
NCBI Accession #	NP_000733.2
NCBI GenBank Nucleotide #	NM_000742.3
UniProt Accession #	Q15822; Q9HAQ3; A8KAX3; B4DK19; J3KMY9
Molecular Weight	58,140 Da
NCBI Official Full Name	neuronal acetylcholine receptor subunit alpha-2 isoform 1
NCBI Official Synonym Full Names	cholinergic receptor, nicotinic, alpha 2 (neuronal)
NCBI Official Symbol	CHRNA2
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-2
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-2
UniProt Gene Name	CHRNA2
UniProt Entry Name	ACHA2_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://stage.aaabiotech.com/polyclonal/chrna2-antibody-immunohistochemistry-western-blot-elisa/302996>