

Rabbit anti-Human, Mouse CHRNA9 Polyclonal Antibody | anti-CHRNA9 antibody

CHRNA9 Antibody

CATALOG # AAA231990	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

CHRNA9; Polyclonal Antibody; CHRNA9 Antibody; Neuronal acetylcholine receptor subunit alpha-9; Nicotinic acetylcholine receptor subunit alpha-9; NACHR alpha-9; NACHRA9; anti-CHRNA9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	479
Applicable Applications for anti-CHRNA9 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Neuronal acetylcholine receptor subunit alpha-9 protein (26-240AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-13806 / sc-13804
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human glioma AAA231990 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue AAA231990 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: CHRNA9 antibody at 0.75ug/mlLane 1: Mouse brain tissueLane 2: Jurkat whole cell lysateLane 3: Hela whole cell lysateLane 4: A549 whole cell lysateLane 5: A431 whole cell lysateLane 6: HepG-2 whole cell lysateLane 7: MCF7 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 55 kDaObserved band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNA9 antibody	Ionotropic receptor with a probable role in the modulation of auditory stimuli. Agonist binding induces a conformation change that leads to the opening of an ion-conducting channel across the plasma membrane (PubMed:11752216, PubMed:25282151). The channel is permeable to a range of divalent cations including calcium, the influx of which may activate a potassium current which hyperpolarizes the cell membrane (PubMed:11752216, PubMed:25282151). In the ear, this may lead to a reduction in basilar membrane motion, altering the activity of auditory nerve fibers and reducing the range of dynamic hearing. This may protect against acoustic trauma. May also regulate keratinocyte adhesion (PubMed:11021840).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	70995130
NCBI GeneID	55584
NCBI Accession #	NP_060051.2
NCBI GenBank Nucleotide #	NM_017581.3
UniProt Accession #	Q9UGM1; Q14CY7; Q4W5A2; Q9NYV2
Molecular Weight	54,807 Da
NCBI Official Full Name	neuronal acetylcholine receptor subunit alpha-9
NCBI Official Synonym Full Names	cholinergic receptor nicotinic alpha 9 subunit
NCBI Official Symbol	CHRNA9
NCBI Official Synonym Symbols	NACHRA9; HSA243342
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-9
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-9
UniProt Gene Name	CHRNA9
UniProt Synonym Gene Names	NACHRA9; NACHR alpha-9
UniProt Entry Name	ACHA9_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/chrna9-antibody-immunohistochemistry-western-blot-elisa/231990>