

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

CHRNA2 Polyclonal Antibody

CATALOG # AAA166471	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

CHRNA2; Polyclonal Antibody; CHRNA2 Polyclonal Antibody; Protein sprouty homolog 4; Sprouty homolog 4; sprouty homolog 4 (Drosophila); SPRY 4; Spry-4; Spry4; SPY4; anti-CHRNA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% sodium azide and 50% glycerol, PH7.4
Applicable Applications for anti-CHRNA2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human CHRNA2
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



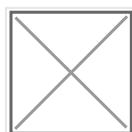
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human brain using CHRNA2 Polyclonal Antibody at dilution of 1:40



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer using CHRNA2 Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of A172 and A549 cell using CHRNA2 Polyclonal Antibody at dilution of 1:950

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.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q15822
Molecular Weight	Calculated MW: 60kDa

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/166471>