

Rabbit CHRNB2 Polyclonal Antibody | anti-CHRNB2 antibody

CHRNB2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197903	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rat	Western Blot, Immunohistochemistry

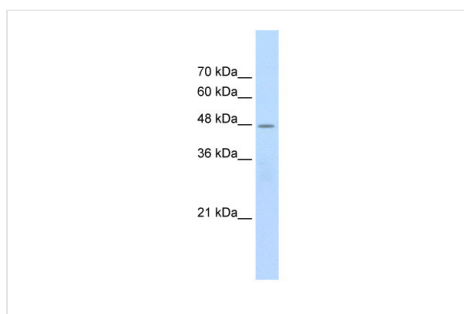
PRODUCT SYNONYMS

CHRNB2; Polyclonal Antibody; CHRNB2 antibody - middle region; anti-CHRNB2 antibody

PRODUCT SPECIFICATIONS

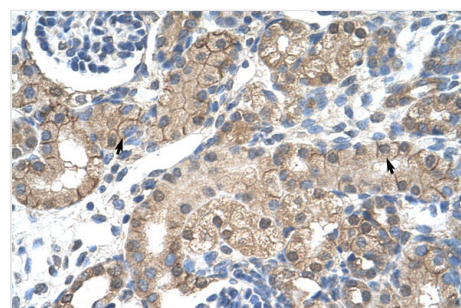
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: CK IEVKHFPFDQ QNCTMKFRSW TYDRTEIDLVLKSEVASLDD FTPSGEWD
Sequence Length	502
Applicable Applications for anti-CHRNB2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Human: 100%; Mouse: 93%; Pig: 100%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CHRNB2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CHRNB2 Antibody Titration: 2.5ug/ml
Positive Control: Jurkat cell lysate
CHRNB2 is supported by BioGPS gene expression data to be expressed in Jurkat



IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-CHRNA2 antibody	This is a rabbit polyclonal antibody against CHRNA2. It was validated on Western Blot and immunohistochemistry Target Description: Mutations in nAChRs are found in a rare form of nocturnal frontal lobe epilepsy . Previously, some nAChR mutations have been described that are associated with additional neurological features such as psychiatric disorders or cognitive defects. A new CHRNA2 mutation located in transmembrane region 3 (M3), outside the known ADNFLE mutation cluster. The CHRNA2 mutation I312M, which occurred de novo in twins, markedly increases the receptor's sensitivity to acetylcholine. Phenotypically, the mutation is associated not only with typical ADNFLE, but also with distinct deficits in memory. The cognitive problems are most obvious in tasks requiring the organization and storage of verbal information.
Product Categories/Family for anti-CHRNA2 antibody	Polyclonal; Ion Channel; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism; Membrane & Traffic; Disease Related; Immunohistochemistry; Receptors; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502833
NCBI GeneID	1141
NCBI Accession #	NP_000739
NCBI GenBank Nucleotide #	NM_000748
UniProt Accession #	P17787
Molecular Weight	57kDa
NCBI Official Full Name	neuronal acetylcholine receptor subunit beta-2
NCBI Official Synonym Full Names	cholinergic receptor nicotinic beta 2 subunit
NCBI Official Symbol	CHRNA2
NCBI Official Synonym Symbols	EFNL3; nAChRB2
NCBI Protein Information	neuronal acetylcholine receptor subunit beta-2
UniProt Protein Name	Neuronal acetylcholine receptor subunit beta-2
UniProt Gene Name	CHRNA2
UniProt Entry Name	ACHB2_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-western-blot-immunohistochemistry-elisa/197903>