

Rabbit anti-Human, Pig Cholinergic Receptor Polyclonal Antibody | anti-CHRNA4 antibody

Cholinergic Receptor, Nicotinic, Alpha 4 (CHRNA4) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144701	Rabbit	Human, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Cholinergic Receptor; Polyclonal Antibody; Nicotinic; Alpha 4 (CHRNA4) Polyclonal Antibody; CHR-NA4; CHRN-A4; BFNC; EBN; EBN1; NACRA4; N-AChRA4; NACHRA4; N-AChR-A4; Neuronal Acetylcholine Receptor Alpha 4; anti-CHRNA4 antibody

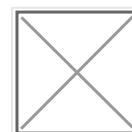
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CHRNA4. It has been selected for its ability to recognize CHRNA4 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN3, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CHRNA4 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human
Organism Species	Human
Fragment	CHRNA4 (Asn49-Leu242)
Quality Control	Content: The quality control contains recombinant CHRNA4 (Asn49-Leu242) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN3 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded Kidney tissue


WB (Western Blot)

Western Blot: Sample: Recombinant CHRNA4, Human.



WB (Western Blot)

Western Blot: Sample: Human U-87MG Cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502827
NCBI GeneID	1137
NCBI Accession #	NP_000735.1
NCBI GenBank Nucleotide #	NM_000744.6
UniProt Accession #	P43681; Q4JGR7; Q4VAQ5; Q4VAQ6
Molecular Weight	60,994 Da
NCBI Official Full Name	neuronal acetylcholine receptor subunit alpha-4 isoform 1
NCBI Official Synonym Full Names	cholinergic receptor nicotinic alpha 4 subunit
NCBI Official Symbol	CHRNA4
NCBI Official Synonym Symbols	EBN; BFNC; EBN1; NACHR; NACRA4; NACHRA4
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-4
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-4
UniProt Gene Name	CHRNA4
UniProt Synonym Gene Names	NACRA4

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/cholinergic-receptor-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144701>