

Goat CHRNA7 Polyclonal Antibody | anti-CHRNA7 antibody

Goat anti-CHRNA7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61776	Goat	Tested:Human, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow	Immunohistochemistry, ELISA

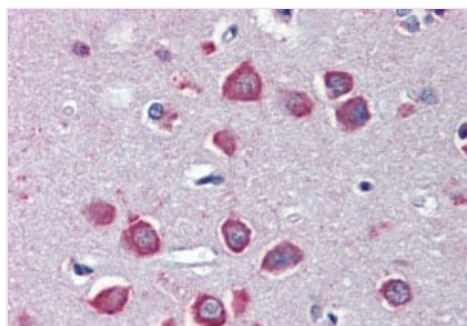
PRODUCT SYNONYMS

CHRNA7; Polyclonal Antibody; Goat anti-CHRNA7 Antibody; cholinergic receptor; nicotinic; alpha 7; NACHRA7; a7 nicotinic acetylcholine receptor; alpha 7 neuronal nicotinic acetylcholine receptor; alpha-7 nicotinic cholinergic receptor subunit; alpha7 nicotinic receptor subunit; nic; CHRNA7 antibody; alpha 7 antibody; NACHRA7 antibody; a7 nicotinic acetylcholine receptor antibody; alpha 7 neuronal nicotinic acetylcholine receptor antibody; alpha-7 nicotinic cholinergic receptor subunit antibody; alpha7 nicotinic receptor subunit antibody; alpha polypeptide 7 antibody; neuronal acetylcholine receptor protein; alpha-7 chain antibody; neuronal nicotinic acetylcholine receptor alpha-7 subunit antibody; nicotinic acetylcholine alpha-7 subunit antibody; nicotinic acetylcholine receptor alpha7 subunit antibody; nicotinic cholinergic receptor alpha 7 antibody; anti-CHRNA7 antibody

PRODUCT SPECIFICATIONS

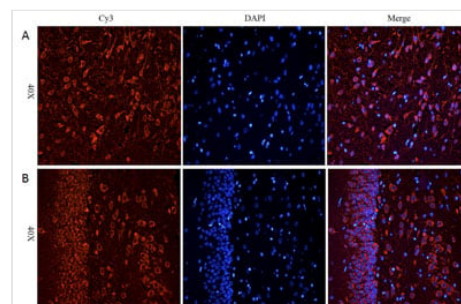
Host	Goat
Reactivity	Tested:Human, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Applicable Applications for anti-CHRNA7 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence KRPGEDKVRPACQHKQ, from the internal region of the protein sequence according to NP_000737.1.
Note	This antibody also reacts with CHRNA7-FAM7A fusion isoform 1 (NP_647536.1) and isoform 2 (NP_683709.1).
Non-Human Gene IDs	11441 (mouse), 25302 (rat)
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

AAA61776 (3ug/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



IF (Immunofluorescence)

AAA61776 (5ug/ml) staining of paraffin embedded Rat Cerebral Cortex (A) and Rat Hippocampus (B), CRY3-staining with DAPI nuclear counter stain in blue. Antigen retrieval with citrate buffer pH 6 at 95-98C.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502831
NCBI GeneID	1139
NCBI Accession #	NP_000737.1
NCBI GenBank Nucleotide #	NM_000746.5
NCBI Official Full Name	neuronal acetylcholine receptor subunit alpha-7 isoform 1
NCBI Official Synonym Full Names	cholinergic receptor nicotinic alpha 7 subunit
NCBI Official Symbol	CHRNA7
NCBI Official Synonym Symbols	NACHRA7; CHRNA7-2
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-7
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-7
UniProt Gene Name	CHRNA7
UniProt Synonym Gene Names	NACHRA7
UniProt Entry Name	ACHA7_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/chrna7-antibody-immunohistochemistry-peptide-elisa-elisa/61776>