

Rabbit CHRNA1 Polyclonal Antibody | anti-CHRNA1 antibody

Rabbit anti-CHRNA1 Antibody

CATALOG # AAA223372	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Bovine, Dog	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CHRNA1; Polyclonal Antibody; Rabbit anti-CHRNA1 Antibody; ACHRA; CHNRA; Acetylcholine receptor subunit alpha; anti-CHRNA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CHRNA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CHRNA1. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of CHRNA1 staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CHRNA1 expression in HeLa (A), MCF7 (B), mouse kidney (C), rat liver (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CHRNA1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	87567783
NCBI GeneID	1134
NCBI Accession #	NP_001034612.1

NCBI GenBank Nucleotide #	NM_001039523.2
UniProt Accession #	P02708; P04756; P25108
Molecular Weight	54,546 Da
NCBI Official Full Name	acetylcholine receptor subunit alpha isoform a
NCBI Official Synonym Full Names	cholinergic receptor, nicotinic, alpha 1 (muscle)
NCBI Official Symbol	CHRNA1
NCBI Official Synonym Symbols	ACHRA; ACHRD; CHRNA; CMS2A; FCCMS; SCCMS
NCBI Protein Information	acetylcholine receptor subunit alpha; nicotinic cholinergic receptor alpha 1; muscle nicotinic acetylcholine receptor; nicotinic acetylcholine receptor alpha subunit; acetylcholine receptor, nicotinic, alpha 1 (muscle); cholinergic receptor, nicotinic, al
UniProt Protein Name	Acetylcholine receptor subunit alpha
UniProt Gene Name	CHRNA1
UniProt Synonym Gene Names	ACHRA; CHNRA
UniProt Entry Name	ACHA_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/chrna1-antibody-immunohistochemistry-western-blot-elisa/223372>