

## Rabbit CHRNA1 Polyclonal Antibody | anti-CHRNA1 antibody

Rabbit anti-CHRNA1 Antibody

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

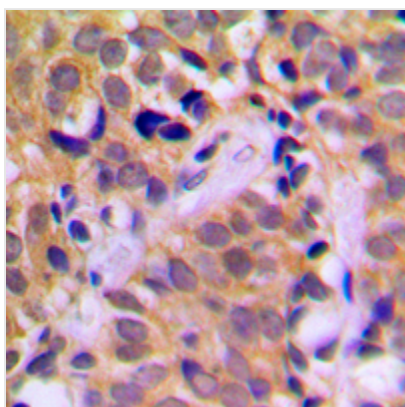
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

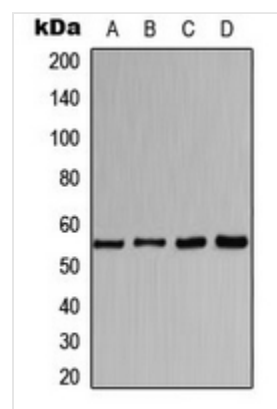
|                                                  |                                                                                                                                       |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
|----------------------------------------------------|--------------------|

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://www.aaabiotech.com/polyclonal/chrna1-antibody-immunohistochemistry-western-blot-elisa/223372>