

## Rabbit CHRNB3 Polyclonal Antibody | anti-CHRNB3 antibody

CHRNB3 Antibody (Center)

| CATALOG # | HOST   | REACTIVITY                                 | APPLICATIONS        |
|-----------|--------|--------------------------------------------|---------------------|
| AAA286716 | Rabbit | Hamster (Predicted Reactivity: Mouse, Rat) | ELISA, Western Blot |

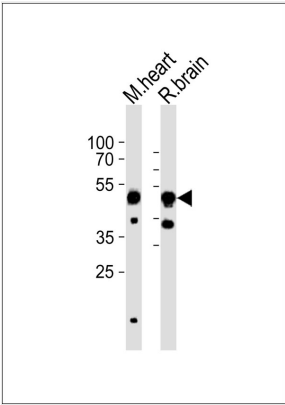
### PRODUCT SYNONYMS

CHRNB3; Polyclonal Antibody; CHRNB3 Antibody (Center); Neuronal acetylcholine receptor subunit beta-3; anti-CHRNB3 antibody

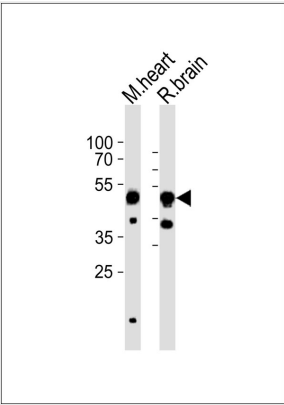
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Hamster (Predicted Reactivity: Mouse, Rat)                                                                                                                                   |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This CHRNB3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 187-200 amino acids from the Central region of human CHRNB3.       |
| Purity/Purification                              | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                    |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                    | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Length                                  | 458                                                                                                                                                                          |
| Applicable Applications for anti-CHRNB3 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Antigen Source                                   | HUMAN                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**WB (Western Blot)**  
Western blot analysis of lysates from mouse heart, rat brain tissue (from left to right), using CHRNB3 Antibody (Center). AAA286716 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



**WB (Western Blot)**  
Western blot analysis of lysates from mouse heart, rat brain tissue lysate (from left to right), using CHRNB3 Antibody (Center). AAA286716 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                             |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CHRNB3 antibody | After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.                                                               |
| Product Categories/Family for anti-CHRNB3 antibody   | Neuroscience                                                                                                                                                                                                                                                |
| References                                           | Elliott K.J.,et al.J. Mol. Neurosci. 7:217-228(1996).<br>Groot Kormelink P.J.,et al.FEBS Lett. 400:309-314(1997).<br>Keddache M.,et al.Submitted (APR-1999) to the EMBL/GenBank/DDBJ databases.<br>Willoughby J.J.,et al.Neurosci. Lett. 155:136-139(1993). |

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 4502835                                            |
| NCBI GeneID                      | 1142                                               |
| NCBI Accession #                 | NP_000740.1                                        |
| NCBI GenBank Nucleotide #        | NM_000749.3                                        |
| UniProt Accession #              | Q05901; Q15827                                     |
| Molecular Weight                 | 52729                                              |
| NCBI Official Full Name          | neuronal acetylcholine receptor subunit beta-3     |
| NCBI Official Synonym Full Names | cholinergic receptor, nicotinic, beta 3 (neuronal) |
| NCBI Official Symbol             | CHRNB3                                             |
| NCBI Protein Information         | neuronal acetylcholine receptor subunit beta-3     |
| UniProt Protein Name             | Neuronal acetylcholine receptor subunit beta-3     |
| UniProt Gene Name                | CHRNB3                                             |
| UniProt Entry Name               | ACHB3_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.

