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## Datasheet for ABIN347199 anti-CHRNE antibody



| Overview                    |   |
|-----------------------------|---|
| Quantity:                   | 100 µL  |
| Target:                     | CHRNE   |
| Reactivity:                 | Human, Mouse  |
| Host:                       | Rabbit  |
| Clonality:                  | Polyclonal  |
| Conjugate:                  | This CHRNE antibody is un-conjugated  |
| Application:                | Western Blotting (WB), ELISA, Immunofluorescence (IF)   |
| Product Details             |   |
| Immunogen:                  | Synthetic peptide derived from the human CHRNE protein.   |
| Isotype:                    | IgG   |
| Specificity:                | Reacts with human and mouse CHRNE protein   |
| Cross-Reactivity:           | Rat (Rattus)  |
| Cross-Reactivity (Details): | May cross reacts with protein from rat and other species due to sequence homology (> 80 $\%$ ). |
| Purification:               | Antiserum   |

## Target Details

| Target:           | CHRNE   |
|-------------------|---|
| Alternative Name: | Acetylcholine Receptor Protein, epsilon Subunit (CHRNE) (CHRNE Products)          |
| Background:       | Belongs to the ligand-gated ion channel family. Acetylcholine receptor subfamily. |

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| Target Details |
|----------------|
|----------------|

|                     | Epsilon/CHRNE sub-subfamily. Defects in CHRNE are a cause of congenital myasthenic<br>syndrome slow-channel type (SCCMS), congenital myasthenic syndrome fast-channel type<br>(FCCMS) and congenital myasthenic syndrome with acetylcholine receptor deficiency (CMS-<br>ACHRD). |
|---------------------|--|
| Gene ID:            | 1145   |
| UniProt:            | Q04844   |
| Application Details |  |
| Application Notes:  | Working dilution: Optimal dilution should be determined by the end user.   |
|                     | The following are guidelines only :  |
|                     | IF(1:200 - 1:1000) WB(1:500 - 1:5000)  |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Lyophilized  |
| Reconstitution:     | Must be reconstituted in distilled water.  |
| Storage:            | 4 °C/-20 °C  |
| Storage Comment:    | Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at   |
|                     | +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month   |
|                     | from date of receipt.  |
| Expiry Date:        | 24 months  |