

## Datasheet for ABIN2619257 **anti-CHRM1 antibody (AA 303-317)**



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### Overview

|                      |                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                                                         |
| Target:              | CHRM1                                                                                                          |
| Binding Specificity: | AA 303-317                                                                                                     |
| Reactivity:          | Rat, Human, Mouse                                                                                              |
| Host:                | Rabbit                                                                                                         |
| Clonality:           | Polyclonal                                                                                                     |
| Conjugate:           | This CHRM1 antibody is un-conjugated                                                                           |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                             |                                                                                                                                                                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | A synthetic peptide corresponding to a sequence at the C-terminus of human muscarinic Acetylcholine Receptor 1(303-317aa KMPMVDPEAQAPTKQ), identical to the related mouse sequence, and different from the related rat sequence by one amino acid. |
| Isotype:                    | IgG                                                                                                                                                                                                                                                |
| Cross-Reactivity (Details): | No cross reactivity with other proteins.                                                                                                                                                                                                           |
| Purification:               | Immunogen affinity purified                                                                                                                                                                                                                        |

### Target Details

|                   |                                               |
|-------------------|-----------------------------------------------|
| Target:           | CHRM1                                         |
| Alternative Name: | CHRM1 / M1 ( <a href="#">CHRM1 Products</a> ) |

## Target Details

|             |                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------|
| Background: | Name/Gene ID: CHRM1                                                                                      |
|             | Subfamily: Acetylcholine                                                                                 |
|             | Family: GPCR                                                                                             |
|             | Synonyms: CHRM1, Acetylcholine receptor M1, M1R, M1, M1 muscarinic receptor, HM1, Muscarinic M1 receptor |
| Gene ID:    | 1128                                                                                                     |
| Pathways:   | <a href="#">Synaptic Membrane</a>                                                                        |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Human                                  |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Reconstitution:    | Distilled water                                                                                                                                                 |
| Concentration:     | Lot specific                                                                                                                                                    |
| Buffer:            | Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.                         |
| Preservative:      | Sodium azide, Thimerosal (Merthiolate)                                                                                                                          |
| Precaution of Use: | This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.              |
| Storage:           | 4 °C,-20 °C                                                                                                                                                     |
| Storage Comment:   | At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles. |