## antibodies -online.com





Datasheet for ABIN377496

## anti-CACNA1I antibody (Cytoplasmic Domain)



Go to Product page

| $\sim$ |     |     |     |
|--------|-----|-----|-----|
|        | N/P | r\/ | i⊢₩ |

| Quantity:            | 500 μg   |  |
|----------------------|--|--|
| Target:              | CACNA1I  |  |
| Binding Specificity: | Cytoplasmic Domain   |  |
| Reactivity:          | Human, Rat, Mouse  |  |
| Host:                | Rabbit   |  |
| Clonality:           | Polyclonal   |  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC)                                      |  |
| Product Details      |  |  |
| Immunogen:           | Synthetic peptide from a cytoplasmic domain of human CACNA1I (Cav3.3) conjugated to an |  |
|                      | immunogenic carrier protein. The antigen is homologous in rat and mouse.               |  |
|                      | Type of Immunogen: Synthetic peptide   |  |
| Isotype:             | IgG  |  |
| Specificity:         | Specific for CACNA1I.  |  |
| Purification:        | Purified   |  |
| Target Details       |  |  |
| Target:              | CACNA1I  |  |
| Alternative Name:    | CACNA1I / Cav3.3 (CACNA1I Products)  |  |
| Background:          | Name/Gene ID: CACNA1I  |  |

## **Target Details**

| Target Details      |   |  |
|---------------------|---|--|
|                     | Subfamily: Calcium channel - alpha subunit Cav3   |  |
|                     | Family: Ion Channel   |  |
|                     | Synonyms: CACNA1I, Alpha 1i, KIAA1120, Ca(v)3.3, Cav3.3   |  |
| Gene ID:            | 8911  |  |
| UniProt:            | Q9P0X4  |  |
| Application Details |   |  |
| Application Notes:  | Approved: IHC, WB   |  |
|                     | Usage: IHC: Antigen retrieval is essential for use on paraffin sections.                          |  |
| Comment:            | Target Species of Antibody: Human   |  |
|                     |   |  |
| Restrictions:       | For Research Use only   |  |
| Handling            |   |  |
| Format:             | Lyophilized   |  |
| Reconstitution:     | Sterile water   |  |
| Concentration:      | Lot specific  |  |
| Buffer:             | Lyophilized. Centrifuge to remove any insoluble material  |  |
| Handling Advice:    | Avoid freeze and thaw cycles.   |  |
| Storage:            | 4 °C,-20 °C   |  |
| Storage Comment:    | Maintain lyophilized and reconstituted antibodies at -20°C for long term storage and at 2-8°C     |  |
|                     | for a shorter term. When reconstituting, glycerol (1:1) may be added for an additional stability. |  |
|                     | Avoid freeze/thaw cycles.   |  |
|                     |   |  |