

# Product Datasheet

## **CACNA1E Antibody (N493/22) - Chimeric - Azide and BSA Free NBP3-52365**

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-52365**

CACNA1E Antibody (N493/22) - Chimeric - Azide and BSA Free

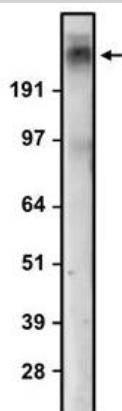
| Product Information     |  |
|-------------------------|--|
| Unit Size               | 100 ul   |
| Concentration           | 1 mg/ml  |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal   |
| Clone                   | N493/22  |
| Preservative            | No Preservative  |
| Isotype                 | IgY  |
| Purity                  | Affinity purified  |
| Buffer                  | PBS  |
| Target Molecular Weight | 257 kDa  |

| Product Description |  |
|---------------------|--|
| Description         | This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N493/22 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N493/22 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in HEK293 cells and then affinity purified from the cell culture media and buffer exchanged into 1X PBS. |
| Host                | Chicken  |
| Gene ID             | 777  |
| Gene Symbol         | CACNA1E  |
| Species             | Human, Mouse, Rat  |
| Immunogen           | Recombinant protein amino acids 956-1033 (ID I-II cytoplasmic loop) of mouse CACNA1E (Uniprot#: Q61290) produced recombinantly in E.Coli.  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence |

**Images**

Western blotting of rat brain membrane with NBP3-52364 (the BSA Free version of this antibody) recognizing endogenous CACNA1E at ~250 kDa. This antibody was detected with anti-chicken-HRP.





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### **Products Related to NBP3-52365**

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|           |  |
|-----------|--|
| BAF010    | Goat anti-Chicken IgY Secondary Antibody [Biotin]    |
| NB7276    | Goat anti-Chicken IgM Heavy Chain Secondary Antibody |
| NB400-104 | SR-BI Antibody - BSA Free                            |
| NB400-144 | CD36 Antibody - BSA Free                             |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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