

# Product Datasheet

## CACNA2D2 Antibody (N492/39) - Chimeric - BSA Free NBP3-52362-100ul

Unit Size: 100 ul

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

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Updated 6/11/2026 v.20.1

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**NBP3-52362-100ul**

CACNA2D2 Antibody (N492/39) - Chimeric - 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	N492/39
Preservative	0.05% Sodium Azide
Isotype	IgY
Purity	Affinity purified
Buffer	1X PBS (pH 7.4)
Target Molecular Weight	130 kDa

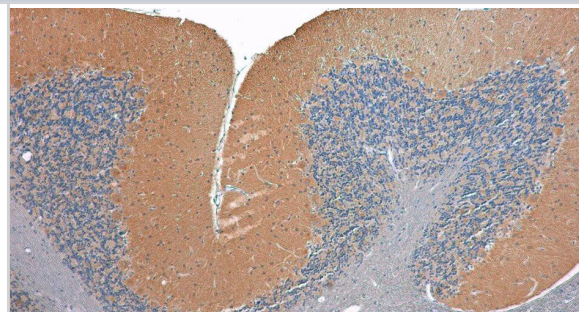
Product Description	
Description	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N492/39 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N492/39 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.
Host	Chicken
Gene ID	9254
Gene Symbol	CACNA2D2
Species	Human, Mouse, Rat
Immunogen	Recombinant protein amino acids 61-197 (extracellular domain) of mouse CACNA2D2 (Uniprot#: Q6PHS9) produced recombinantly in E.Coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:250

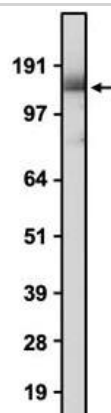


## Images

Representative image of formalin fixed paraffin-embedded section of rat cerebellum section stained with NBP3-52362 (brown) and counterstained with hematoxylin (blue). This antibody specifically stains the Purkinje cells in the cerebellum.



Western blotting of rat brain membrane with NBP3-52362, recognizing endogenous CCACNA2D2 at ~130 kDa, and detected with anti-chicken-HRP.





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### **Products Related to NBP3-52362-100ul**

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BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
NBP1-81501PEP	CACNA2D2 Recombinant Protein Antigen
NB100-565	FUS 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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