

# Nicastrin/NCSTN Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological  
Biological Solution Specialist

Catalog Number: 50934-T52

| GENERAL INFORMATION       |                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                | Recombinant Mouse Nicastrin/NCSTN Protein (Catalog#50934-M08H)                                                                                                                                                                                                                                                                                                                                      |
| Preparation               | Produced in rabbits immunized with purified, recombinant Mouse Nicastrin/NCSTN (rM Nicastrin/NCSTN; Catalog#50934-M08H; P57716; Met1-Gln668). Nicastrin/NCSTN specific IgG was purified by Mouse Nicastrin/NCSTN affinity chromatography.                                                                                                                                                           |
| Ig Type:                  | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity:              | Mouse Nicastrin/NCSTN                                                                                                                                                                                                                                                                                                                                                                               |
| Formulation:              | 0.2 µm filtered solution in PBS                                                                                                                                                                                                                                                                                                                                                                     |
| Storage:                  | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.<br>Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles. |
| APPLICATIONS              |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applications:             | WB,ELISA,IP                                                                                                                                                                                                                                                                                                                                                                                         |
| RECOMMENDED CONCENTRATION |                                                                                                                                                                                                                                                                                                                                                                                                     |
| Western Blot              | WB: 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunoprecipitation       | IP: 0.5-2 µL/mg of lysate                                                                                                                                                                                                                                                                                                                                                                           |
| ELISA                     | ELISA: 1:5000-1:10000<br>This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Mouse Nicastrin/NCSTN.                                                                                                                                                                                                                                                       |

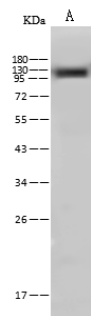
**Please Note: Optimal concentrations/dilutions should be determined by the end user.**

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Anti-NCSTN rabbit polyclonal antibody at 1:500 dilution

Lane A: Mouse brain tissue lysate

Lysates/proteins at 30 µg per lane.

Secondary

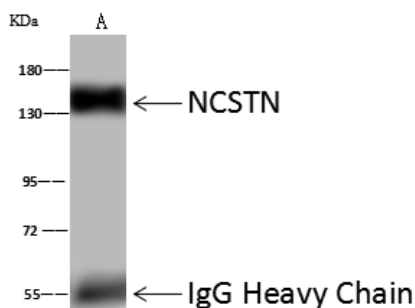
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 78 kDa

Observed band size: 130 kDa



NCSTN was immunoprecipitated using:

Lane A: 0.5 mg NIH-3T3 Whole Cell Lysate

4 µL anti-NCSTN rabbit polyclonal antibody and 60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:

Anti-NCSTN rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:

Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 78 kDa

Observed band size :145 kDa