

## Anti-ADAM22 (Cytoplasmic) Antibody

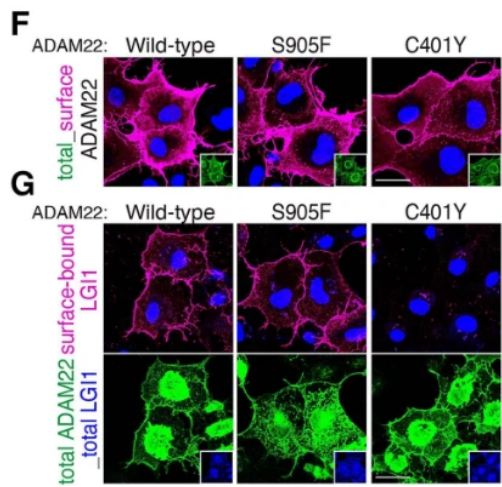


### Product Details

|                    |                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:75-083)                                                                                                                                |
| Conjugate          | Unconjugated                                                                                                                                       |
| Isotype            | IgG2b                                                                                                                                              |
| Clone              | N46/30                                                                                                                                             |
| Gene Name          | Adam22                                                                                                                                             |
| Host Species       | Mouse                                                                                                                                              |
| Concentration      | 1 mg/mL                                                                                                                                            |
| Format             | Purified by Protein A chromatography                                                                                                               |
| Physical State     | Liquid                                                                                                                                             |
| Buffer             | 10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.13                                                                                     |
| Production Notes   | Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody. |
| Applications       | ELISA, ICC, IHC, IP, WB                                                                                                                            |
| Dilution Ranges    | WB: 1:500<br>IHC: 1:100<br>ICC: 1:100                                                                                                              |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                  |
| Immunogen          | Fusion protein amino acids 757-857 (cytoplasmic region) of mouse ADAM22 (accession number Q9R1V6) produced recombinantly in E. Coli                |
| Specificity        | No cross-reactivity reported                                                                                                                       |
| Molecular Weight   | 90 kDa                                                                                                                                             |

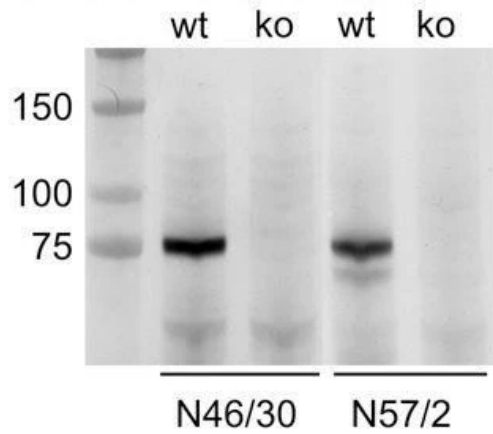
|                             |                                                                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Quality Control</b>      | Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.                                                         |
| <b>Storage</b>              | Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the vial prior to removing the cap. |
| <b>Antibody Registry ID</b> | AB_10675128                                                                                                                                                                                                     |
| <b>UniProt ID</b>           | <a href="#">Q9R1V6</a>                                                                                                                                                                                          |
| <b>Country of Origin</b>    | United States                                                                                                                                                                                                   |
| <b>Shipping</b>             | Shipped on ice packs                                                                                                                                                                                            |
| <b>Expiration</b>           | 24 months from date of receipt                                                                                                                                                                                  |
| <b>Usage Statement</b>      | These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.                                                                            |

Product Images



Cell-surface-expressed ADAM22 (F, magenta) and cell-surface-bound LGI1 (G, magenta) were live-labelled. After fixation and permeabilization, ADAM22 (total) was stained (Cat. 75-083; green), with nuclear DNA (blue, F and upper panel in G). ADAM22 S905F is on the cell surface binds to LGI1 as the wild-type. When ADAM22 C401Y is expressed, no cell-surface-bound LGI1 is detected. White squares are total expression of ADAM22 (F) and LGI1-FLAG (lower panel in G, blue). CC-BY-4.0. [PMID:37953841](#)

### P8 mouse brain membranes



Immunoblot versus membranes from postnatal day 8 wild-type (wt) and ADAM22-knockout (ko) mice and probed with N46/30 (left) and N57/2 (right). Data courtesy of Dies Meijer, Erasmus University Rotterdam.



Adult rat hippocampus immunohistochemistry.

Product Page URL: [www.antibodiesinc.com/products/anti-adam22-cytoplasmic-antibody-n46-30-75-083](http://www.antibodiesinc.com/products/anti-adam22-cytoplasmic-antibody-n46-30-75-083)



Created on 09. September 2026 | All information without guarantee