

# Anti-Pan-Nav1 Sodium Channel Antibody

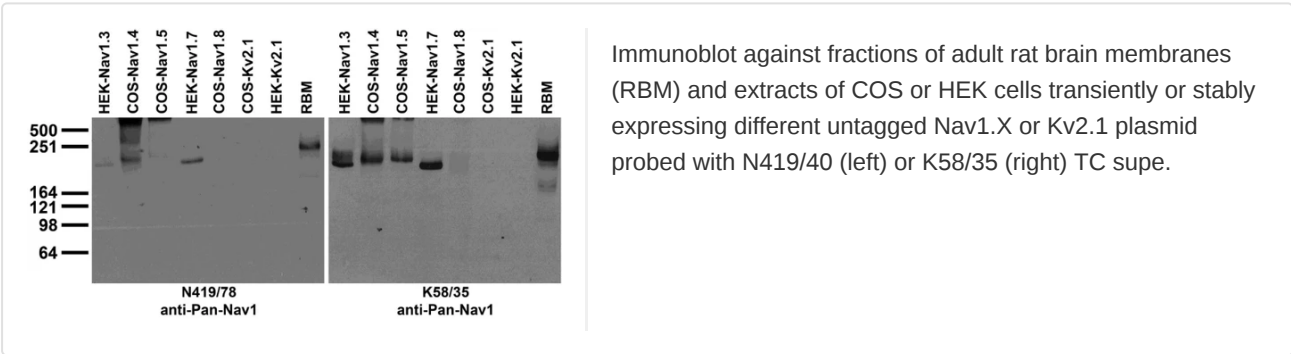


## Product Details

|                    |                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Variants | 100 µL (SKU:75-407)                                                                                                                                |
| Conjugate          | Unconjugated                                                                                                                                       |
| Isotype            | IgG1                                                                                                                                               |
| Clone              | N419/78                                                                                                                                            |
| Gene Name          | SCN2A NAC2 SCN2A1 SCN2A2 SCN1A NAC1 SCN1 SCN9A NENA SCN5A<br>SCN3A KIAA1356 NAC3 SCN8A MED SCN10A SCN4A SCN11A SCN12A<br>SNS2                      |
| 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 7.125                                                                                    |
| 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, WB                                                                                                                                |
| Dilution Ranges    | IHC: 1:250                                                                                                                                         |
| Species Reactivity | Human, Mouse, Rat                                                                                                                                  |
| Immunogen          | Synthetic peptide amino acids 1501-1518 (TEEQKKYYNAMKKLGSKK, cytoplasmic loop between repeat III and IV) of human Nav1.1 (accession number P35498) |
| Specificity        | Cross-reacts with multiple Nav1 channels                                                                                                           |
| Molecular Weight   | >200 kDa                                                                                                                                           |

|                             |                                                                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Quality Control</b>      | Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.                                                                  |
| <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_2493099                                                                                                                                                                                                      |
| <b>UniProt ID</b>           | <u>P35498</u>                                                                                                                                                                                                   |
| <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



Product Page URL: [www.antibodiesinc.com/products/anti-pan-nav1-sodium-channel-antibody-n419-78-75-407](http://www.antibodiesinc.com/products/anti-pan-nav1-sodium-channel-antibody-n419-78-75-407)

