

Product datasheet for **TA321977S**

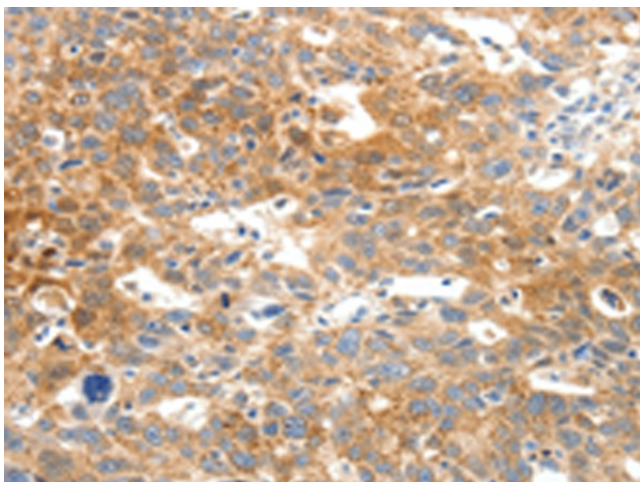
Nav1.5 (SCN5A) Rabbit Polyclonal Antibody

Product data:

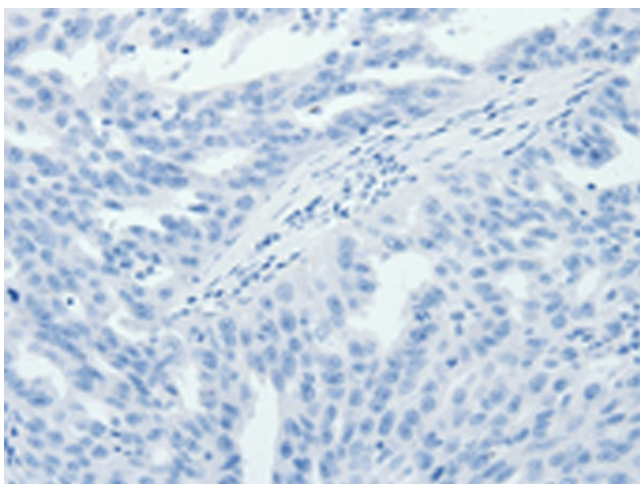
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|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | IHC: 25-100 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide corresponding to a region derived from 1860-1874 amino acids of human sodium channel, voltage-gated, type V, alpha subunit |
| Formulation: | PBS pH7.3, 0.05% NaN ₃ , 50% glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | sodium voltage-gated channel alpha subunit 5 |
| Database Link: | NP_000326 Entrez Gene 20271 Mouse Entrez Gene 25665 Rat Entrez Gene 6331 Human Q14524 |
| Background: | The protein encoded by this gene is an integral membrane protein and tetrodotoxin-resistant voltage-gated sodium channel subunit. This protein is found primarily in cardiac muscle and is responsible for the initial upstroke of the action potential in an electrocardiogram. Defects in this gene are a cause of long QT syndrome type 3 (LQT3); an autosomal dominant cardiac disease. Alternative splicing results in several transcript variants encoding different isoforms. |
| Synonyms: | CDCD2; CMD1E; CMPD2; HB1; HB2; HBBD; HH1; ICCD; IVF; LQT3; Nav1.5; PFHB1; SSS1; VF1 |
| Protein Families: | Druggable Genome, Ion Channels: Sodium, Transmembrane |



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Product images:

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA321977] (SCN5A Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA321977] (SCN5A Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: $\times 200$)