

## Product datasheet for **TA322927**

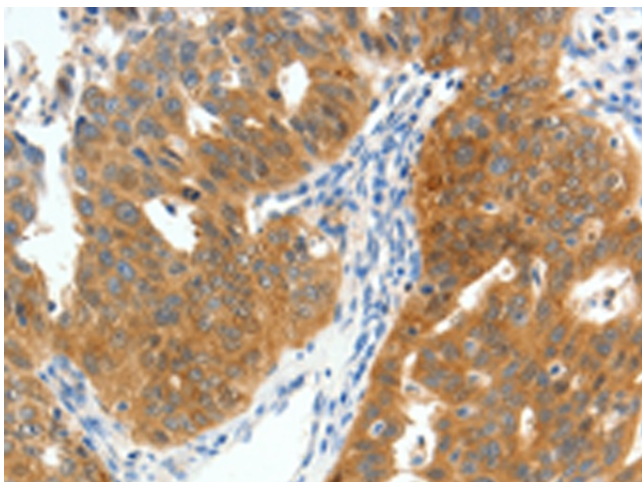
### Nav1.7 (SCN9A) Rabbit Polyclonal Antibody

#### Product data:

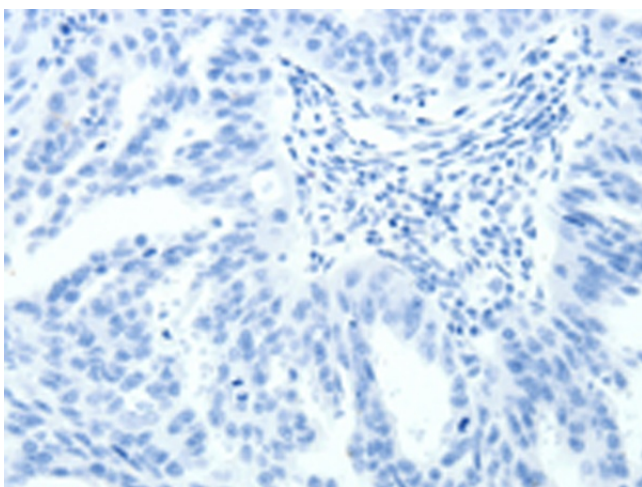
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 25-38 amino acids of human sodium channel, voltage-gated, type IX, alpha subunit
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
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 9
Database Link:	<a href="#">NP_002968</a> <a href="#">Entrez Gene 6335 Human</a> <a href="#">Q15858</a>
Background:	This gene encodes a voltage-gated sodium channel which plays a significant role in nociception signaling. Mutations in this gene have been associated with primary erythralgia; channelopathy-associated insensitivity to pain; and paroxysmal extreme pain disorder.
Synonyms:	ETHA; FEB3B; GEFSP7; HSN2D; Nav1.7; NE-NA; NENA; PN1; SFNP
Protein Families:	Druggable Genome, Ion Channels: Sodium



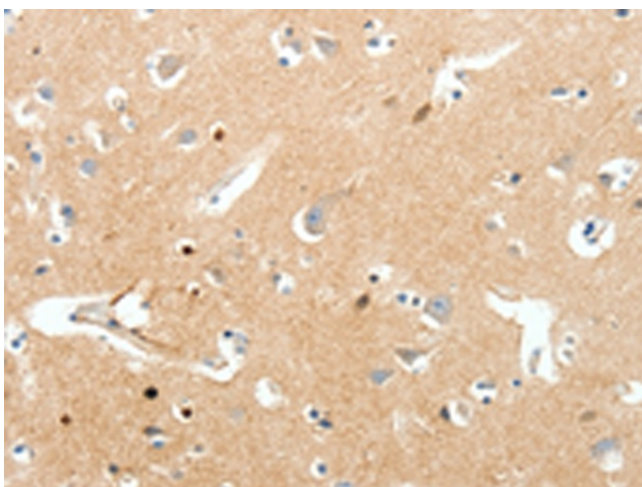
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**Product images:**

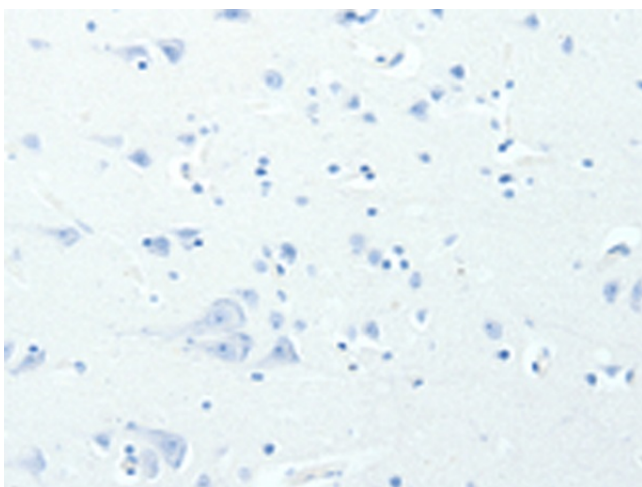
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA322927 (SCN9A Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA322927 (SCN9A Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using TA322927 (SCN9A Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA322927 (SCN9A Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)