

## SCN9A RABBIT PAB

**Cat.#:** S220191

**Product Name:** Anti-SCN9A Rabbit Polyclonal Antibody

**Synonyms:** PN1; ETHA; NENA; SFNP; FEB3B; NE-NA; GEFSP7; Nav1.7

**UNIPROT ID:** Q15858 (Gene Accession - NP\_002968.1)

**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.

**Immunogen:** Synthetic peptide of human SCN9A

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

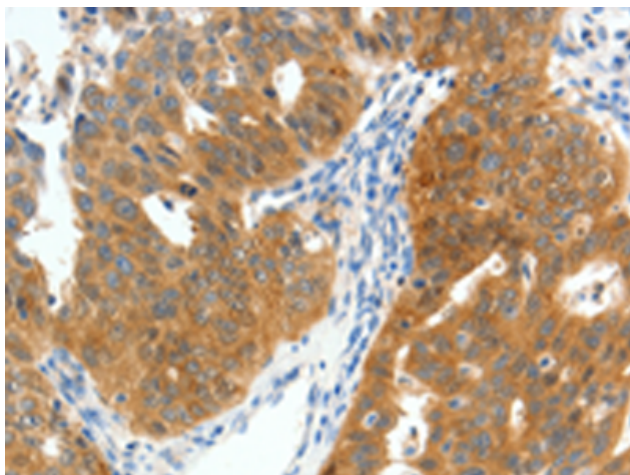
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

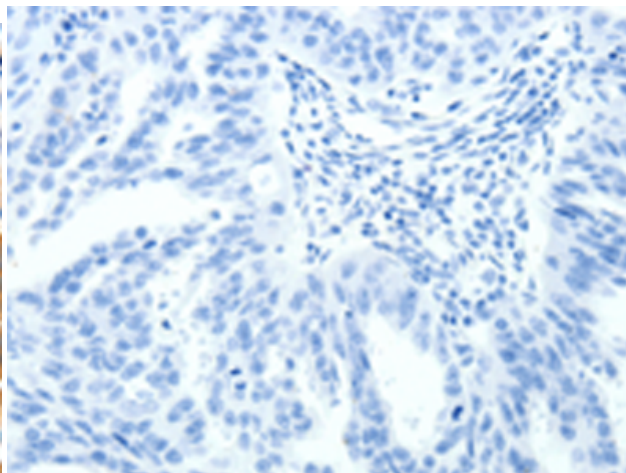
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Metabolism, Neuroscience

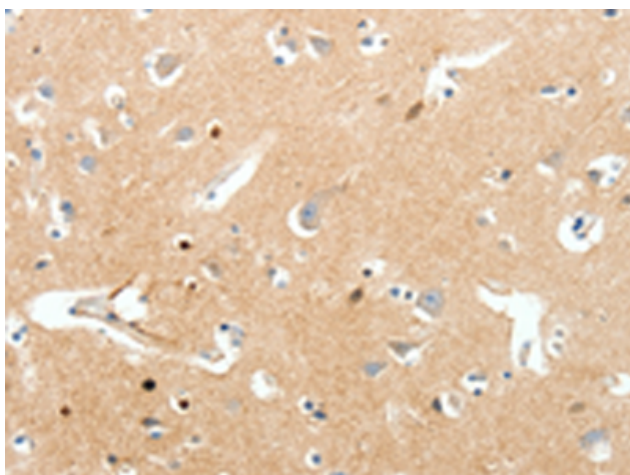
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



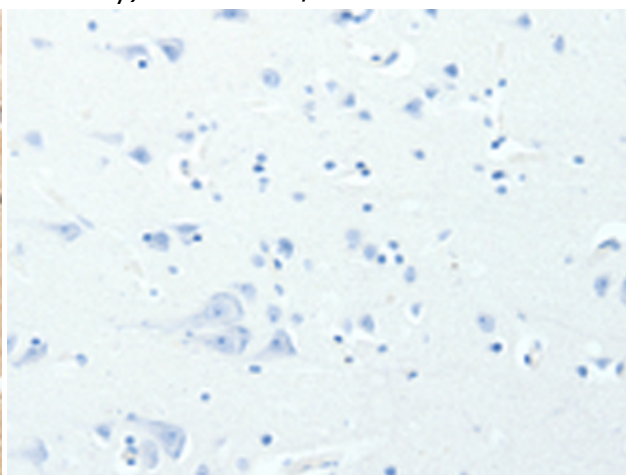
Immunohistochemistry analysis of paraffin embedded Human ovarian cancer tissue using 220191(SCN9A Antibody) at a dilution of 1/40(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with the synthetic peptide and then with 220191(Anti-SCN9A Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 220191(Anti-SCN9A Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with synthetic peptide and then with D261109(Anti-SCN9A Antibody) at dilution 1/40.