

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **SNTA1 RABBIT PAB**

Cat.#: S220991

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

**Synonyms:** SNT1; LQT12; TACIP1; dJ1187J4.5

UNIPROT ID: Q13424 (Gene Accession - NP\_003089)

**Background:** Syntrophins are cytoplasmic peripheral membrane scaffold proteins that are components of the dystrophin-associated protein complex. This gene is a member of the syntrophin gene family and encodes the most common syntrophin isoform found in cardiac tissues. The N-terminal PDZ domain of this syntrophin protein interacts with the C-terminus of the pore-forming alpha subunit (SCN5A) of the cardiac sodium channel Nav1.5. This protein also associates cardiac sodium channels with the nitric oxide synthase-PMCA4b (plasma membrane Ca-ATPase subtype 4b) complex in cardiomyocytes.

**Immunogen:** Synthetic peptide of human SNTA1

**Applications:** ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 200-1000;ELISA: 1000-2000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

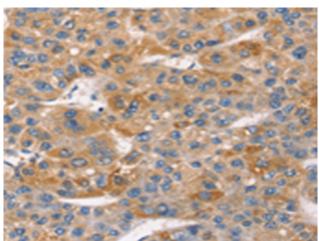
Research Areas: Neuroscience

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

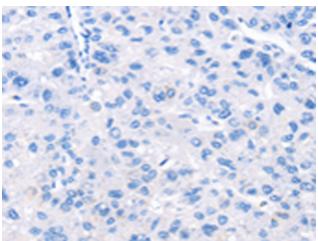


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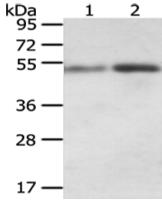
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Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220991(SNTA1 Antibody) at a dilution of 1/20(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220991(Anti-SNTA1 Antibody) at dilution 1/20.



Gel: 8%SDS-PAGE, Lysate: 80 µg;

Lane 1-2: Human colon cancer and normal stomach tissue;

Primary antibody: 220991(SNTA1 Antibody) at dilution 1/200;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 1 minute