

GEMIN2 RABBIT PAB

Cat.#: S219994

Product Name: Anti-GEMIN2 Rabbit Polyclonal Antibody

Synonyms: SIP1; SIP1-delta

UNIPROT ID: O14893 (Gene Accession - NP_003607.1)

Background: This gene encodes one of the proteins found in the SMN complex, which consists of several gemin proteins and the protein known as the survival of motor neuron protein. The SMN complex is localized to a subnuclear compartment called gems (gemini of coiled bodies) and is required for assembly of spliceosomal snRNPs and for pre-mRNA splicing. This protein interacts directly with the survival of motor neuron protein and it is required for formation of the SMN complex. A knockout mouse targeting the mouse homolog of this gene exhibited disrupted snRNP assembly and motor neuron degeneration.

Immunogen: Synthetic peptide of human GEMIN2

Applications: ELISA, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

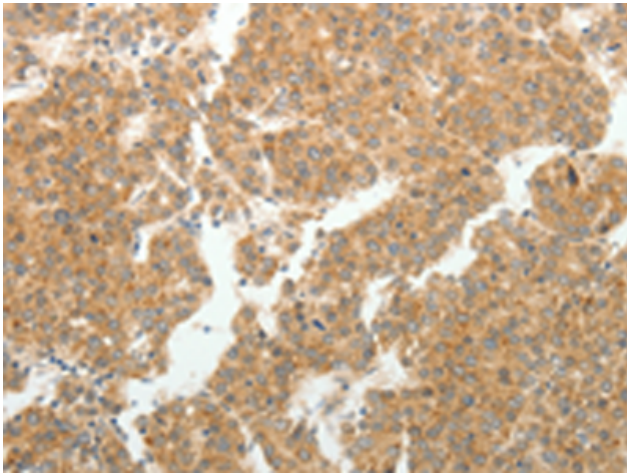
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

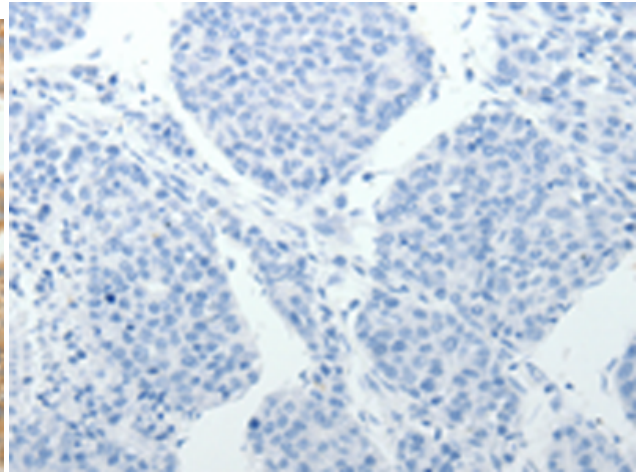
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Neuroscience

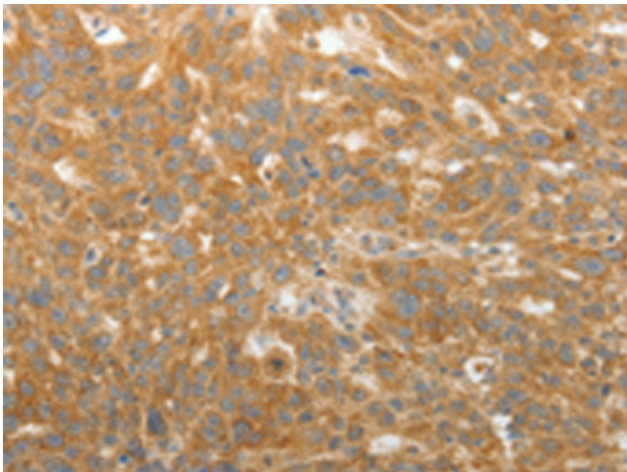
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



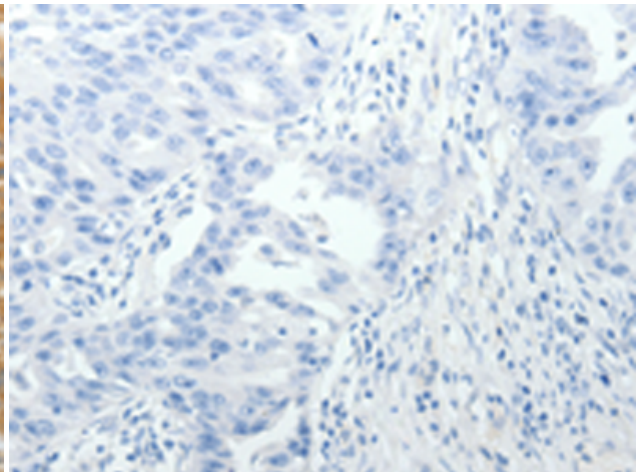
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219994(GEMIN2 Antibody) at a dilution of 1/40(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 219994(Anti-GEMIN2 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 219994(Anti-GEMIN2 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D260745(Anti-GEMIN2 Antibody) at dilution 1/40.