CLSTN1 RABBIT PAB

Cat.#: S221751

Product Name: Anti-CLSTN1 Rabbit Polyclonal Antibody

Synonyms: CST-1; CSTN1; CDHR12; PIK3CD; ALC-ALPHA; XB31alpha; alcalpha1; alcalpha2

UNIPROT ID: O94985 (Gene Accession - NP_001009566)

Background: This gene is a member of the calsyntenin family, a subset of the cadherin superfamily. The encoded transmembrane protein, also known as alcadein-alpha, is thought to bind to kinesin-1 motors to mediate the axonal anterograde transport of certain types of vesicle. Amyloid precursor protein (APP) is trafficked via these vesicles and so this protein is being investigated to see how it might contribute to the mechanisms underlying Alzheimer's disease. Alternative splicing results in multiple transcript variants.

Immunogen: Synthetic peptide of human CLSTN1

Applications: ELISA, IHC

Recommended Dilutions: IHC: Oct-50; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal
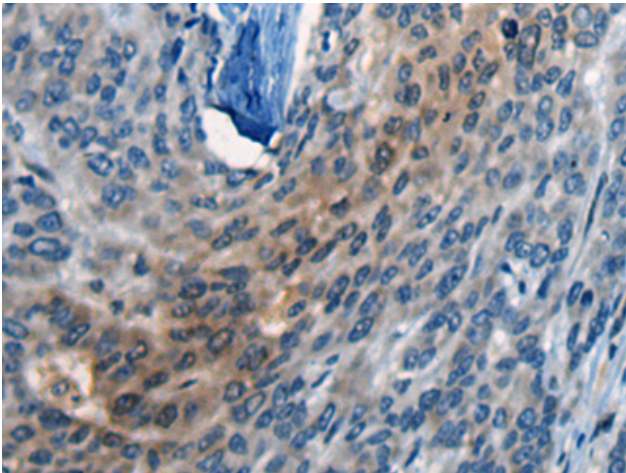
Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification
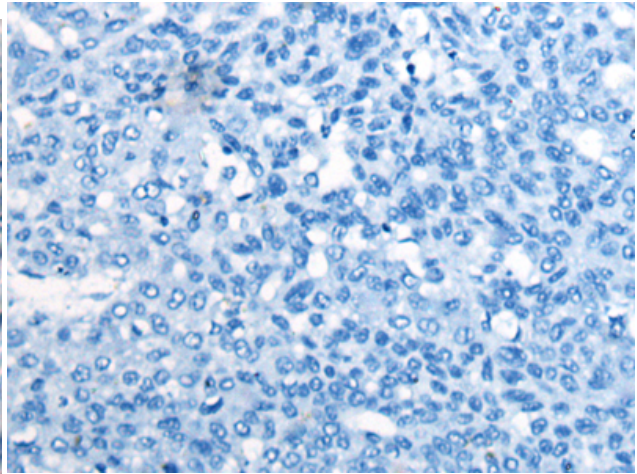
Species Reactivity: Human, Mouse, Rat

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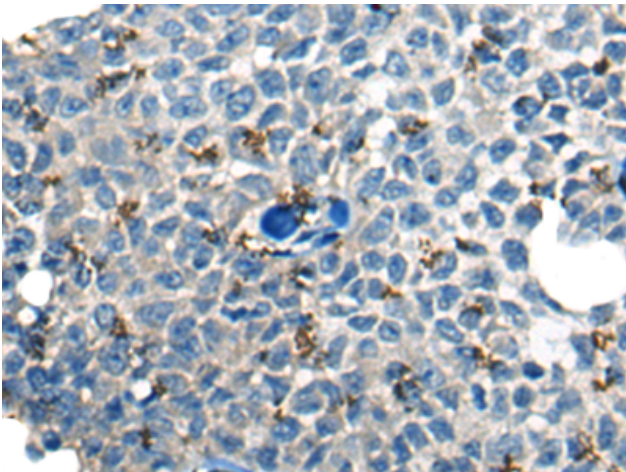
Research Areas: Neuroscience

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing
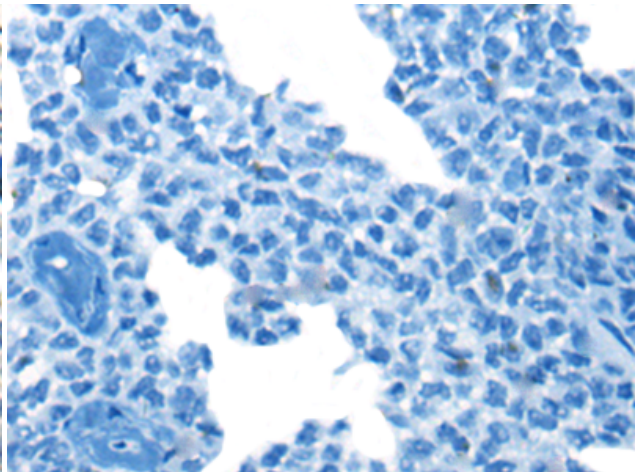
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221751(CLSTN1 Antibody) at a dilution of 1/20(Cytoplasm).

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 221751(Anti-CLSTN1 Antibody) at dilution 1/20.

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 221751(Anti-CLSTN1 Antibody) at a dilution of 1/20.

In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D263479(Anti-CLSTN1 Antibody) at dilution 1/20.