STMN1 RABBIT PAB

Cat.#: S219882

Product Name: Anti-STMN1 Rabbit Polyclonal Antibody

Synonyms: Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215

UNIPROT ID: P16949 (Gene Accession - NP_005554)

Background: This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. The encoded protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen: Synthetic peptide of human STMN1

Applications: ELISA, WB, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

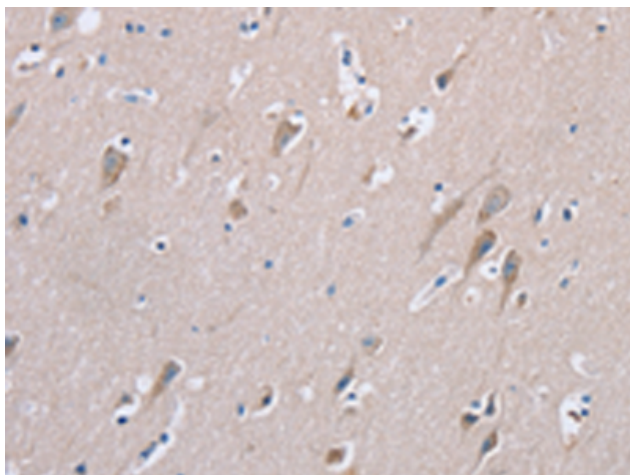**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

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

**Research Areas:** Signal Transduction, Neuroscience

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

Immunohistochemistry analysis of paraffin embedded Human brain tissue using 219882(STMN1 Antibody) at a dilution of 1/20(Cytoplasm).
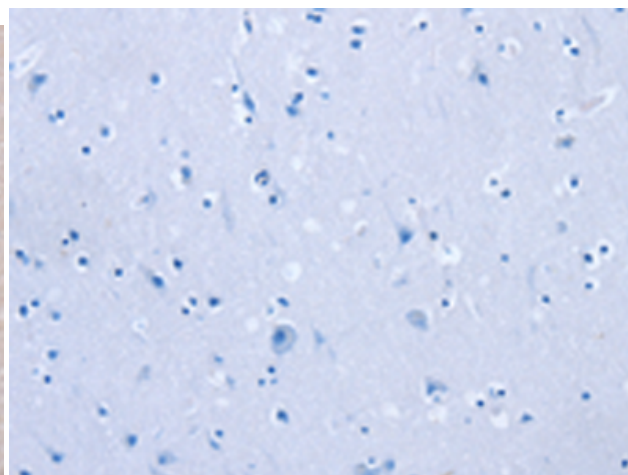
In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 219882(Anti-STMN1 Antibody) at dilution 1/20.
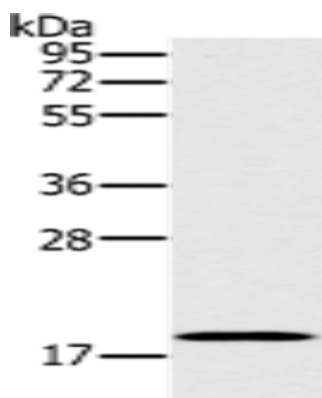
Gel: 10%SDS-PAGE, Lysate: 40 µg;
Lane: Human fetal brain tissue;
Primary antibody: 219882(STMN1 Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 1 minute