

HSPB8 RABBIT PAB

Cat.#: S210369

Product Name: Anti-HSPB8 Rabbit Polyclonal Antibody

Synonyms: H11; HMN2; CMT2L; DHMN2; E2IG1; HMN2A; HSP22

UNIPROT ID: Q9UJY1 (Gene Accession - BC002673)

Background: The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease.

Immunogen: Fusion protein of human HSPB8

Applications: ELISA, IHC

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

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

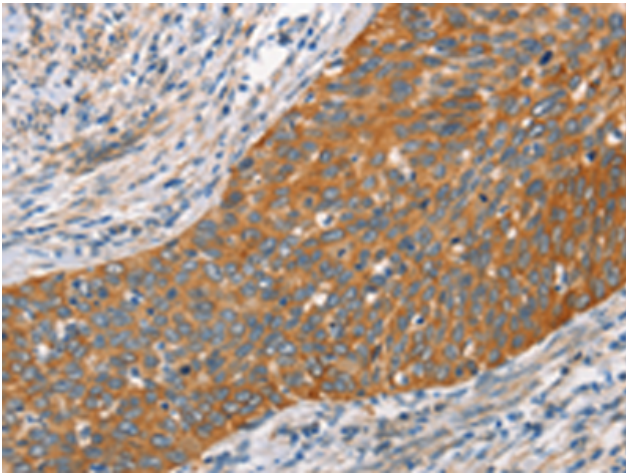
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

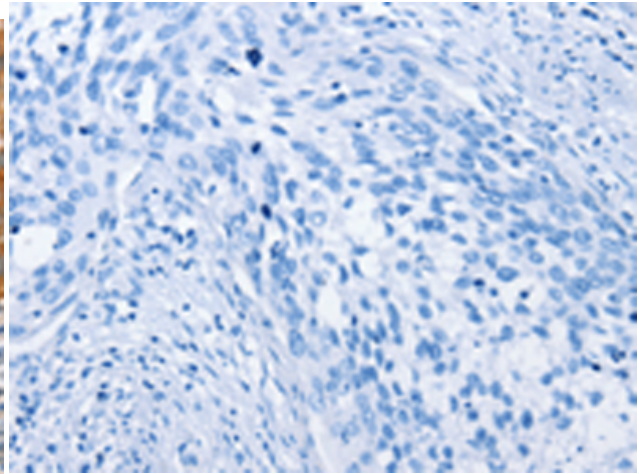
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Neuroscience

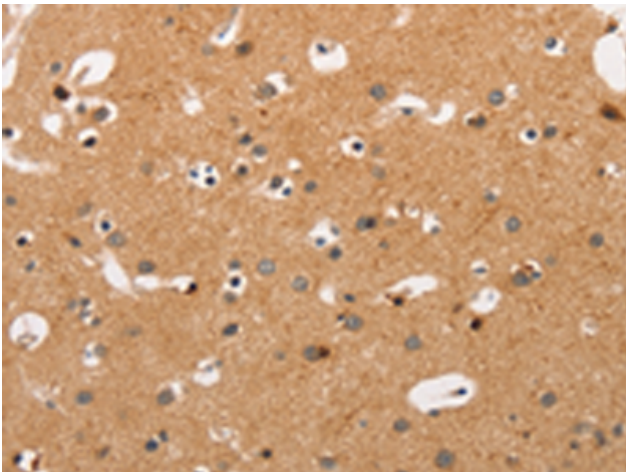
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



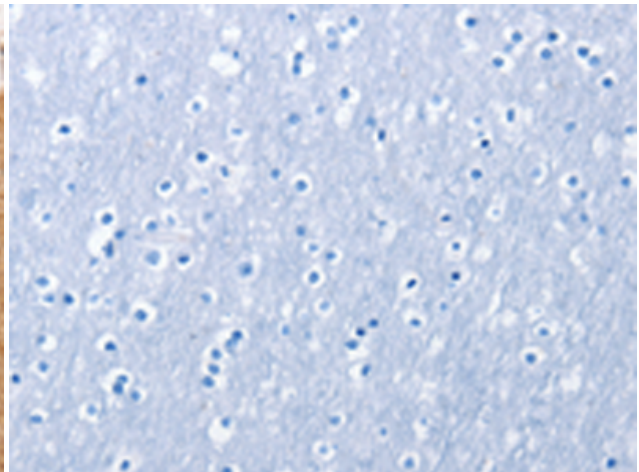
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 210369(HSPB8 Antibody) at a dilution of 1/45(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 210369(Anti-HSPB8 Antibody) at dilution 1/45.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 210369(Anti-HSPB8 Antibody) at a dilution of 1/45.



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with fusion protein and then with D120790(Anti-HSPB8 Antibody) at dilution 1/45.