

## 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

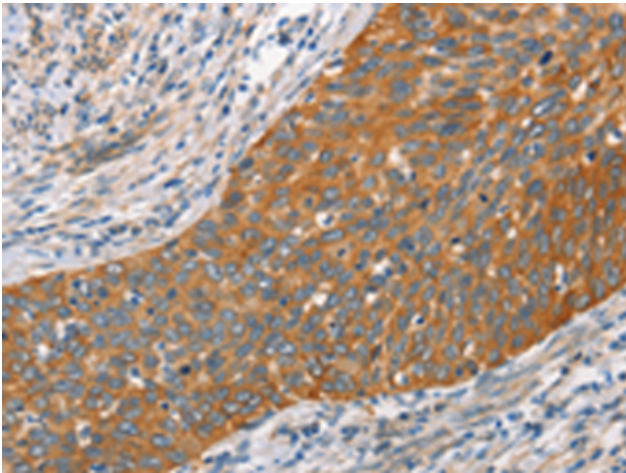
**Purification:** Antigen affinity purification

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

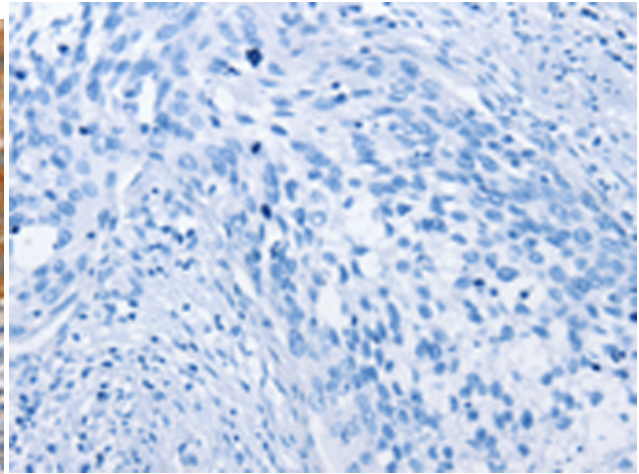
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Neuroscience

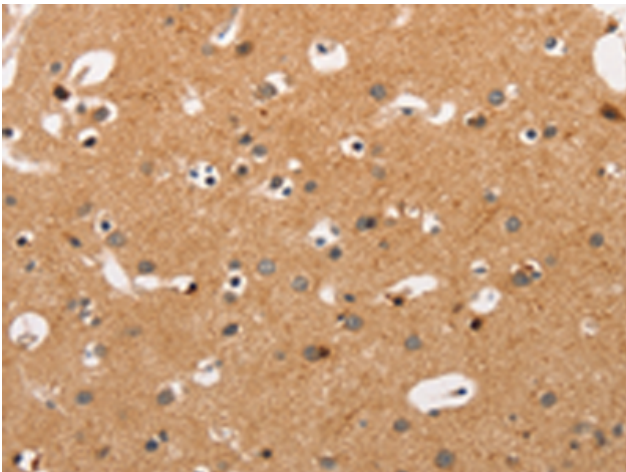
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



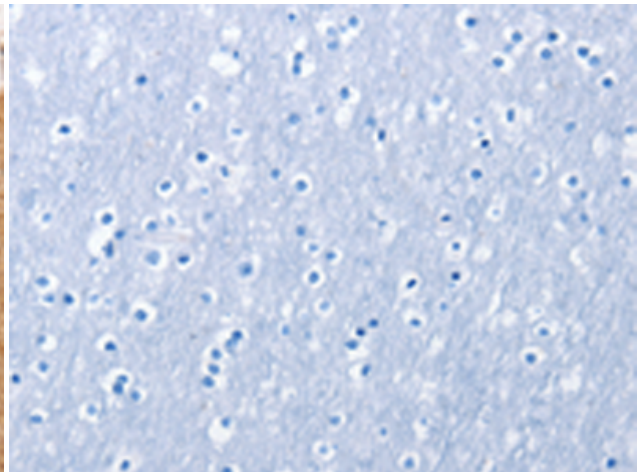
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 210369(HSPB8 Antibody) at a dilution of 1/45(Cytoplasm).



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.