

PACO14539

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:2000-1:5000, IHC:1:50-1:200

**Protein 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.

**Gene ID:**

HSPB8

**Uniprot**

Q9UJY1

**Synonyms:**

heat shock 22kDa protein 8

**Immunogen:**

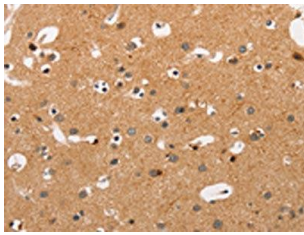
Fusion protein of human HSPB8.

**Storage:**

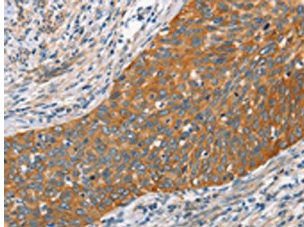
-20°C, pH7.4 PBS, 0.05% Na<sub>3</sub>N, 40% Glycerol

## Product Images

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The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO14539(HSPB8 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using PACO14539(HSPB8 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification: x—200).