

## HSPB1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 23kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human HSPB1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

CMT2F; HMN2B; HSP27; HSP28; Hsp25; SRP27; HS.76067; HEL-S-102;

**Catalog #:** A10606

**Antibody Type:**

Monoclonal Antibody

**Species:** Mouse

**Gene ID:** 3315

**Isotype:** IgG

**Swiss Prot:** P04792

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN).

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