

## HSP27 Rabbit Polyclonal Antibody(F157)

Catalog TDY332C TDY332F

Tel: 010-82908854

Quantity 50 $\mu$ L 100 $\mu$ L

Free: 400-0620-621

Web: www.tdybio.com

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, R, M	27KD	IgG

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C**. **Do not aliquot the antibody.**

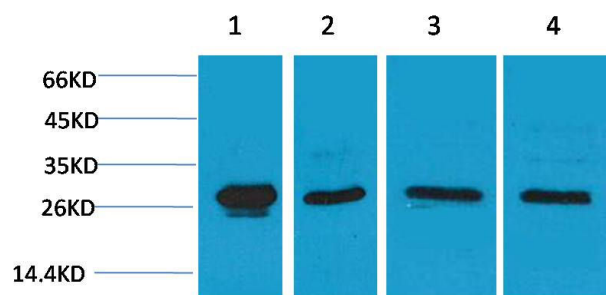
**Recommended dilutions:** WB: 1:1,000-2,000 IHC: 1:200-500

**Optimal dilutions should be determined by the end user.**

**Specificity:** Antibody can detects endogenous HSP27 protein.

**Alternative Names:** Heat shock protein 27, CMT2F, HSP B1, HSP28, SRP27, Stress responsive protein 27

**Background:** Heat shock protein 27 (Hsp27) also known as **heat shock protein beta-1** (HSPB1) is a protein that in humans is encoded by the *HSPB1* gene. Hsp27 is a chaperone of the sHsp (small heat shock protein) group among ubiquitin,  $\alpha$ -crystallin, Hsp20 and others. Involved in stress resistance and actin organization.



Western blot analysis of 1) HeLa, 2)C2C12, 3)Mouse Brain, 4) Rat Brain, with HSP27 Rabbit pAb TDY332 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using HSP27 (TDY332) Rabbit pAb diluted at 1:500.