
HSP-27 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250699

Unit: 0.1 mg

Description:

Heat shock 27 kDa protein (HSP27) is involved in stress resistance and actin organization. HSP27 interacts with TGFB1 and associates with alpha- and beta-tubulin, microtubules and CRYAB. HSP27 is localized in the cytoplasm in interphase cells, colocalizes with mitotic spindles in mitotic cells and translocates to the nucleus during heat shock. Defects in HSP27 are the cause of Charcot-Marie-Tooth disease type 2F, a common inherited disorder of the peripheral nervous system.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, D, B

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Heat shock protein beta-1; HspB1; Heat shock 27 kDa protein; HSP 27; Stress-responsive protein 27; SRP27; Estrogen-regulated 24 kDa protein; 28 kDa heat shock protein; HSPB1; HSP27; HSP28

Accession No.: P04792

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HSP27.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.