

## Rabbit HSP27 Polyclonal Antibody | anti-HSP27 antibody

HSP27 Antibody (Ser82)

|                               |                       |                                                           |
|-------------------------------|-----------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA226102</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------------------------------|

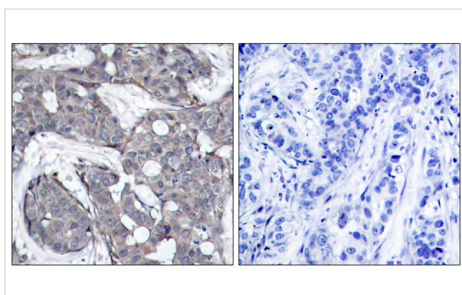
### PRODUCT SYNONYMS

HSP27; Polyclonal Antibody; HSP27 Antibody (Ser82); Rabbit Polyclonal HSP27 Antibody (Ser82); Polyclonal HSP27 antibody; Anti-HSP27 antibody; heat shock 27kDa protein 1 antibody; Heat shock protein beta-1 antibody; HMN2B antibody; HS.76067 antibody; HSP 27 antibody; Hsp25 antibody; HSP27 antibody; HSP28 antibody; HSPB1 antibody; SRP27 antibody; Stress-responsive protein 27 antibody; 28 kDa heat shock protein antibody; CMT2F antibody; DKFZp586P1322 antibody; Estrogen-regulated 24 kDa protein antibody; Heat shock 27 kDa protein antibody; heat shock 27kD protein 1 antibody; anti-HSP27 antibody

### PRODUCT SPECIFICATIONS

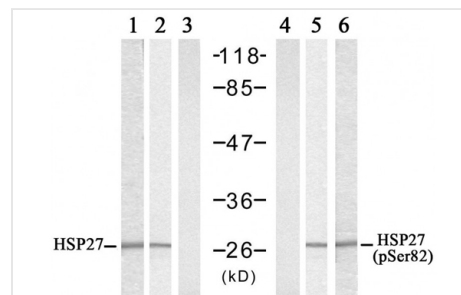
|                                                 |                                                                                                                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                      |
| Clonality                                       | Polyclonal                                                                                                                                                                  |
| Isotype                                         | IgG                                                                                                                                                                         |
| Specificity                                     | HSP27 antibody (Ser82) detects endogenous levels of HSP27 only when phosphorylated at serine 82                                                                             |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                     |
| Form/Format                                     | Supplied in PBS buffer (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol                                            |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                                                                                     |
| Applicable Applications for anti-HSP27 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                               |
| Immunogen                                       | HSP27 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human HSP27 around the phosphorylation site of serine 82 (Q-L-SP-S-G) as the immunogen. |
| Preparation and Storage                         | Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.                                                                                                   |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP27 antibody (Ser82)



#### WB (Western Blot)

Western blot analysis of extracts from HeLa cells untreated or treated with Heat Shock or UV, using HSP27 antibody (Lane 1, 2 and 3) and HSP27 (Phospho-Ser82) antibody (Lane 4, 5 and 6).

### ADDITIONAL INFORMATION

#### Related Product Information for anti-HSP27 antibody

HSP27 was initially characterized in response to heat shock as a protein chaperone that facilitates the proper refolding of damaged proteins. Continued investigation of HSP27 revealed that the protein responds to cellular stress conditions other than heat shock; for example oxidative stress and chemical stress.

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp27-antibody-immunohistochemistry-western-blot-elisa/226102>