

## Rabbit anti-Mouse, Rat Heat Shock Protein Beta 2 (HSPb2) Polyclonal Antibody | anti-HSPb2 antibody

Polyclonal Antibody to Heat Shock Protein Beta 2 (HSPb2)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA135185 | Rabbit | Mouse, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

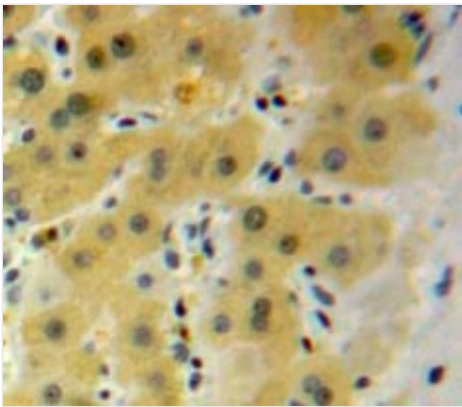
### PRODUCT SYNONYMS

Heat Shock Protein Beta 2 (HSPb2); Polyclonal Antibody; Polyclonal Antibody to Heat Shock Protein Beta 2 (HSPb2); anti-HSPb2 antibody

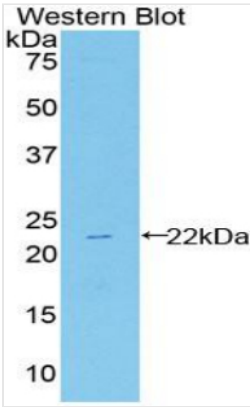
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                   |
| Reactivity                                      | Mouse, Rat                                                                                                                                                                                                                                                                                                               |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                               |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against HSPb2. It has been selected for its ability to recognize HSPb2 in immunohistochemical staining and western blotting.                                                                                                                                         |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                  |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                                                               |
| Concentration                                   | 0.2mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                 |
| Sequence                                        | Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGSE F-ATAEYFA NPSRLGEQRF GEGLLPEEIL<br>TPTLYHGYYV RPRAARAGEG ARAGASELR LSEGKFAFLD VSHFTPDEVT VRTVDNLLEV SARHPQRLDR<br>HGFVSREFCR TYVLPADVDP WRVRAALSHD GILNLEAPRG |
| Sequence Length                                 | 182                                                                                                                                                                                                                                                                                                                      |
| Applicable Applications for anti-HSPb2 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                          |
| Immunogen                                       | Recombinant HSPb2 (Ala12~Asp170) expressed in E.coli.                                                                                                                                                                                                                                                                    |
| Cross Reactivity                                | Mouse, Rat                                                                                                                                                                                                                                                                                                               |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                    |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                            |

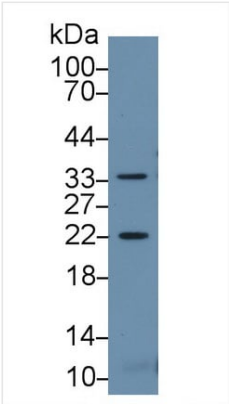
IMAGES



IHC (Immunohistochemisry)  
DAB staining on fromalin fixed paraffin-embedded Liver tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant protein.



WB (Western Blot)  
Western Blot: Sample: Mouse Skeletal muscle lysate; Primary Ab: 2ug/ml Rabbit Anti-Mouse HSPb2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 257796241                           |
| NCBI GeneID                      | 69253                               |
| NCBI Accession #                 | NP_001158180.1                      |
| NCBI GenBank Nucleotide #        | NM_001164708.1                      |
| UniProt Accession #              | Q99PR8; Q9CZC2; E9QKE3              |
| Molecular Weight                 | 9,810 Da                            |
| NCBI Official Full Name          | heat shock protein beta-2 isoform 2 |
| NCBI Official Synonym Full Names | heat shock protein 2                |
| NCBI Official Symbol             | Hspb2                               |
| NCBI Official Synonym Symbols    | MKBP; 27kDa; HSP27; 2810021G24Rik   |
| NCBI Protein Information         | heat shock protein beta-2           |
| UniProt Protein Name             | Heat shock protein beta-2           |
| UniProt Gene Name                | Hspb2                               |
| UniProt Synonym Gene Names       | HspB2                               |

**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/heat-shock-protein-beta-2-hspb2-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/135185>