



# HSP20 (phospho Ser16) Polyclonal Antibody

|                                  |                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | BYab-03610                                                                                                                                                  |
| <b>Isotype</b>                   | IgG                                                                                                                                                         |
| <b>Reactivity</b>                | Human;Mouse;Rat                                                                                                                                             |
| <b>Applications</b>              | IHC;IF;ELISA                                                                                                                                                |
| <b>Gene Name</b>                 | HSPB6                                                                                                                                                       |
| <b>Protein Name</b>              | Heat shock protein beta-6                                                                                                                                   |
| <b>Immunogen</b>                 | The antiserum was produced against synthesized peptide derived from human HSP20 around the phosphorylation site of Ser16. AA range:5-54                     |
| <b>Specificity</b>               | Phospho-HSP20 (S16) Polyclonal Antibody detects endogenous levels of HSP20 protein only when phosphorylated at S16.                                         |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                     |
| <b>Source</b>                    | Polyclonal, Rabbit,IgG                                                                                                                                      |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                       |
| <b>Dilution</b>                  | Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.                               |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                     |
| <b>Purity</b>                    | ≥90%                                                                                                                                                        |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                |
| <b>Synonyms</b>                  | HSPB6; Heat shock protein beta-6; HspB6; Heat shock 20 kDa-like protein p20                                                                                 |
| <b>Observed Band</b>             |                                                                                                                                                             |
| <b>Cell Pathway</b>              | Cytoplasm . Nucleus . Secreted . Translocates to nuclear foci during heat shock. .                                                                          |
| <b>Tissue Specificity</b>        | Muscle,Skeletal muscle,Skin,                                                                                                                                |
| <b>Function</b>                  | PTM:The N-terminus is blocked.,similarity:Belongs to the small heat shock protein (HSP20) family.,subunit:May exist as disulfide-linked dimer and monomer., |
| <b>Background</b>                | This locus encodes a heat shock protein. The encoded protein likely plays a role in smooth muscle relaxation. [provided by RefSeq, Jan 2012],               |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                        |

**Nanjing BYabs science technology Co.,Ltd**

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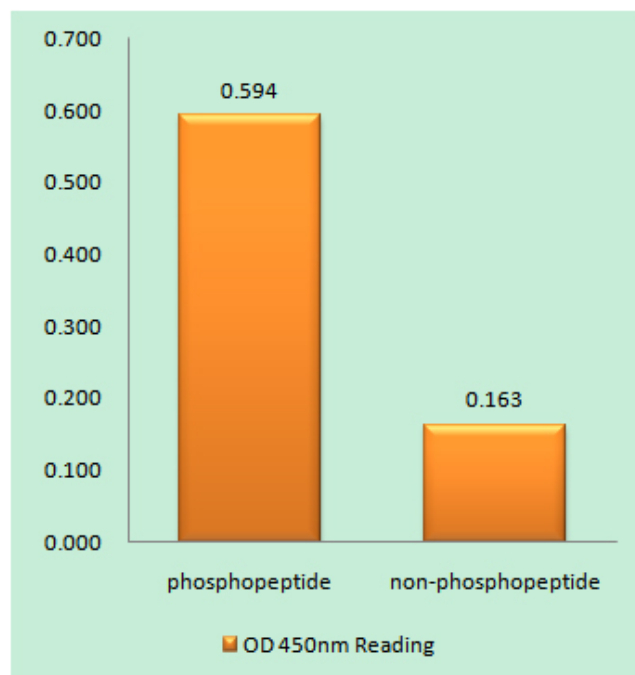
监督电话: 15950492658



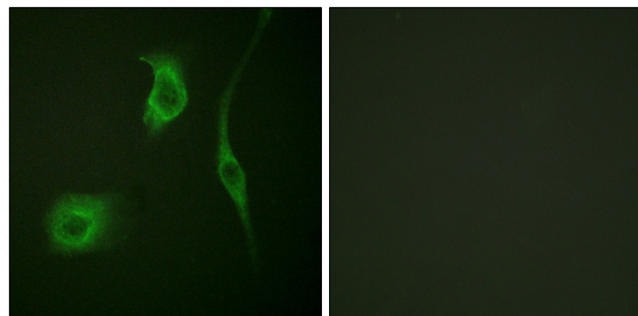
## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

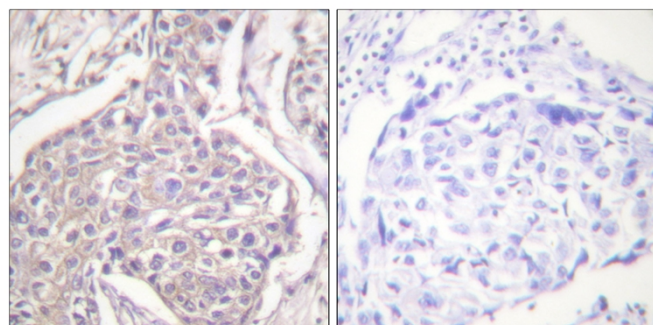
## Products Images



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using HSP20 (Phospho-Ser16) Antibody



Immunofluorescence analysis of HeLa cells, using HSP20 (Phospho-Ser16) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using HSP20 (Phospho-Ser16) Antibody. The picture on the right is blocked with the phospho peptide.

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