

HSP20 (phospho Ser16) Polyclonal Antibody

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|------------------------------|---|
| Catalog No : | YP1130 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | IHC;IF;ELISA |
| Target : | HSP20 |
| Gene Name : | HSPB6 |
| Protein Name : | Heat shock protein beta-6 |
| Human Gene Id : | 126393 |
| Human Swiss Prot No : | O14558 |
| Mouse Gene Id : | 243912 |
| Mouse Swiss Prot No : | Q5EBG6 |
| Rat Gene Id : | 192245 |
| Rat Swiss Prot No : | P97541 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from human HSP20 around the phosphorylation site of Ser16. AA range:5-54 |
| Specificity : | Phospho-HSP20 (S16) Polyclonal Antibody detects endogenous levels of HSP20 protein only when phosphorylated at S16. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications. |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity- |

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Molecularweight : 17kD

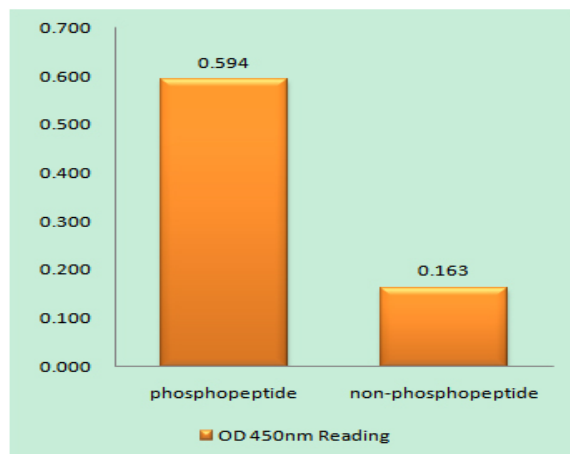
Background : This locus encodes a heat shock protein. The encoded protein likely plays a role in smooth muscle relaxation. [provided by RefSeq, Jan 2012],

Function : 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.,

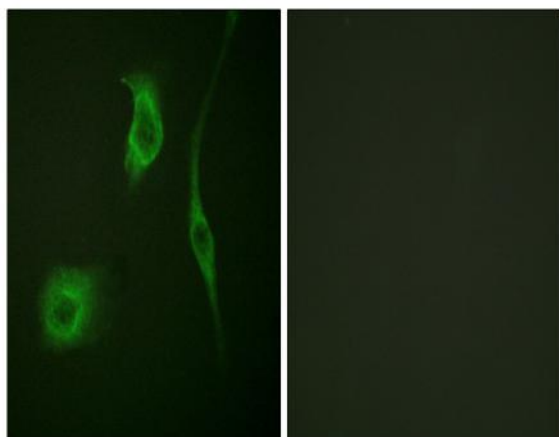
Subcellular Location : Cytoplasm . Nucleus . Secreted . Translocates to nuclear foci during heat shock.

Expression : Muscle, Skeletal muscle, Skin,

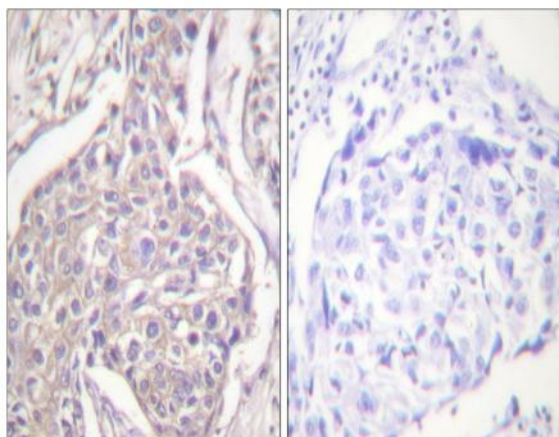
Products Images



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.