

HSP20 polyclonal antibody

Catalog: BS90665

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The heat shock proteins (HSPs) comprise a group of highly conserved, abundantly expressed proteins with diverse functions, including the assembly and sequestering of multiprotein complexes, transportation of nascent poly-peptide chains across cellular membranes and regulation of protein folding. Heat shock proteins (also known as molecular chaperones) fall into six general families: HSP 90, HSP 70, HSP 60, the low molecular weight HSPs, the immunophilins and the HSP 110 family. The low molecular weight family includes HSP 10, HSP 20, HSP 27 (Heme Oxygenase 1), HSP 32 and HSP 40. HSP 20 occurs in two complex sizes, dimers and multimers. It is related to stress proteins and occurs most abundantly in skeletal muscle and heart. HSP 20 is considerably shorter at the C-terminus and less polar than other small heat shock proteins.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

17 kDa

Swiss-Prot:

O14558(Human) Q5EBG6(Mouse) P97541(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

IHC:1:50-1:500

FC:1:50-1:100

Storage&Stability:

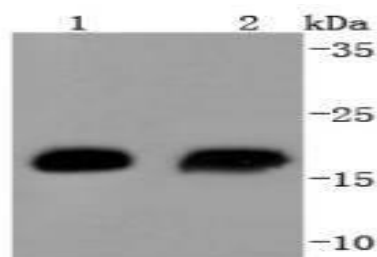
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

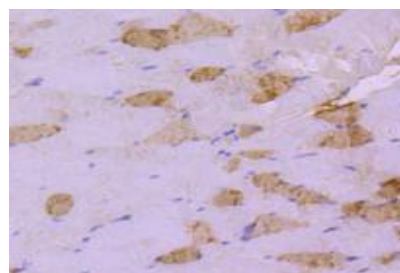
Specificity:

HSP20 polyclonal antibody detects endogenous levels of HSP20 protein.

DATA:



Western blot analysis of Hsp20 on different lysates using anti-Hsp20 antibody at 1/1,000 dilution. Positive control: Lane 1: Human skeletal muscle Lane 2: Mouse skeletal muscle



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue using anti-Hsp20 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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