Phospho-HSP27/HSPB1-S82 polyclonal antibody

Catalog: BS79345 Host: Rabbit Reactivity: Human

BackGround:

The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN).

Product:

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

Molecular Weight:

28kDa

Swiss-Prot:

P04792

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:2000|IHC,1:50 - 1:200|IP,1:50 - 1:100

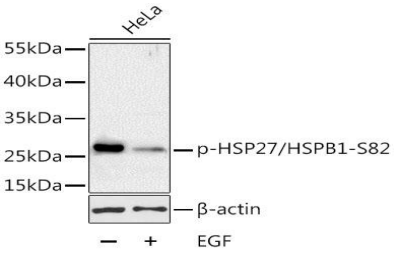
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

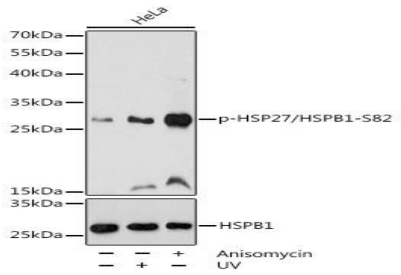
Modification:

Phosphorylated

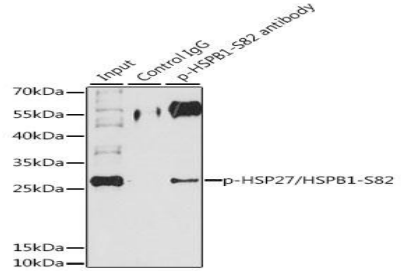
DATA:



Western blot analysis of extracts of HeLa cells, using Phospho-HSP27/HSPB1-S82 antibody at 1:1000 dilution. HeLa cells were treated by EGF for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit .
Exposure time: 1min.



Western blot analysis of extracts of HeLa cells, using Phospho-HSP27/HSPB1-S82 pAb at 1:1000 dilution or HSP27/HSPB1 antibody .HeLa cells were treated by UV at room temperature for 15-30 minutes.HeLa cells were treated by Anisomycin at 37℃ for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit .
Exposure time: 10s.



Immunoprecipitation analysis of 200ug extracts of HeLa cells, using 3 ug Phospho-HSP27/HSPB1-S82 pAb . Western blot was performed from the immunoprecipitate using Phospho-HSP27/HSPB1-S82 pAb at a dilution of 1:1000. HeLa cells were treated by EGF at 37℃ for 30 minutes after serum-starvation overnight.

Note:

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

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