

(KO Validated) HSPB1 Polyclonal Antibody

Catalog Number:E-AB-66764



Note: Centrifuge before opening to ensure complete recovery of vial contents.

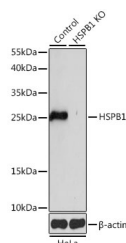
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human HSPB1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Applications Recommended Dilution

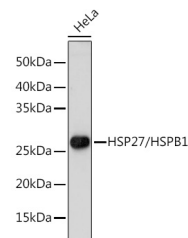
WB	1:500-1:2000
IF	1:50-1:200

Data

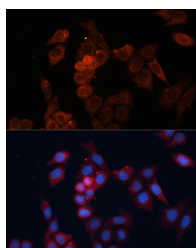


Western blot analysis of extracts from normal (control) and HSP27/HSP27/HSPB1 knockout (KO) HeLa cells using HSP27/HSP27/HSPB1 Polyclonal Antibody at 1:1000 dilution.

Observed Mw:27KDa
Calculated Mw:22kDa



Western blot analysis of extracts of HeLa cells using HSP27/HSP27/HSPB1 Polyclonal Antibody at 1:1000 dilution.



Immunofluorescence analysis of HeLa cells using HSP27/HSP27/HSPB1 Polyclonal antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is

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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).

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