

Phospho-HSP27/HSPB1-S78 Antibody

CABP0236

Description

This Phospho-HSP27/HSPB1-S78 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CABP0236

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: CMT2F, HMN2B, HSP27, HSP28, Hsp25, SRP27, HS.76067, HEL-S-102, Phospho-HSP27/HSPB1-S78

Clone: -

Applications: WB IF/ICC ELISA

Conjugation: Unconjugated

Reactivity: Human

Antibody Data

Gene ID: 3315

Uniprot: AB_2771185

Host Species: Rabbit

Purification: Affinity purification

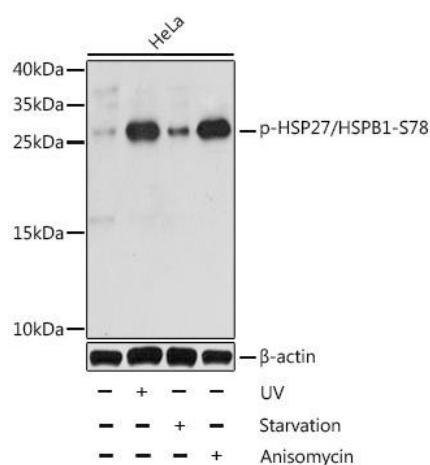
Observed MW: 28kDa

Calculated MW: 23kDa

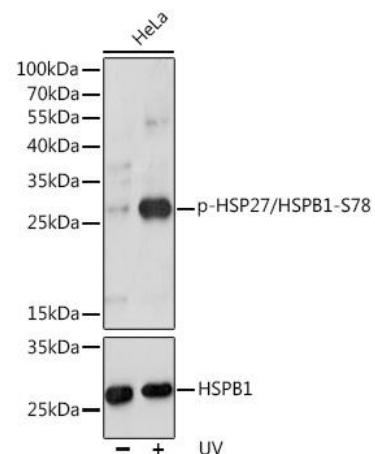
Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.						
	Store Bradford Reagent at Room Temperature for 1 Year.						
Positive Sample:	HeLa treated with UV or treated with serum-starvation or treated with Anisomycin						
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> <tr> <td>IF/ICC</td><td>1:100 - 1:200</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:2000	IF/ICC	1:100 - 1:200	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol						

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-/HSPB1- Rabbit pAb (CABP0236) at 1:1000 dilution. HeLa cells were treated with UV for 15-30 minutes or treated with serum-starvation overnight or treated with Anisomycin (25µg/mL) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Western blot analysis of lysates from HeLa cells, using Phospho-/HSPB1- Rabbit pAb (CABP0236) at 1:1000 dilution or HSPB1 antibody (CAB16332). HeLa cells were treated with UV at room temperature for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.

