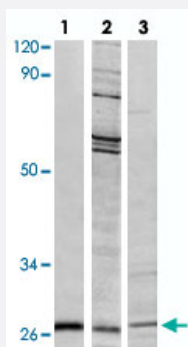


HSPB1 (phospho S78) polyclonal antibody

Catalog # PAB24728

Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa (lane 1), PC-12 (lane 2) and Raw 264.7 (lane 3) cell lysate with HSPB1 (phospho S78) polyclonal antibody (Cat # PAB24728) at 1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of HSPB1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S78 of HSPB1.
Host	Rabbit
Theoretical MW (kDa)	~27.0
Reactivity	Human, Mouse, Rat
Specificity	HSPB1 (phospho S78) polyclonal antibody detects endogenous levels of HSPB1 protein.
Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.09% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — HSPB1

Entrez GeneID[3315](#)**Gene Name**

HSPB1

Gene Alias

CMT2F, DKFZp586P1322, HMN2B, HS.76067, HSP27, HSP28, Hsp25, SRP27

Gene Description

heat shock 27kDa protein 1

Omim ID[602195 606595 608634](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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). [provided by RefSeq]

Other Designations

OTTHUMP00000024846|estrogen-regulated 24 kDa protein|heat shock 27kD protein 1|heat shock protein beta-1|stress-responsive protein 27

Pathway

- [MAPK signaling pathway](#)
- [VEGF signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Charcot-Marie-Tooth Disease](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Small Cell Lung Carcinoma](#)