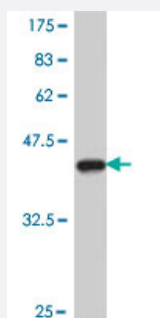


HSPB1 polyclonal antibody (A01)

Catalog # H00003315-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant HSPB1.
Immunogen	HSPB1 (NP_001531, 96 a.a. ~ 205 a.a) partial recombinant protein with GST tag.
Sequence	RVSLDVNHFAPDELTVKTGDGVVEITGKHEERQDEHGYISRCFTRKYTLPPGVDPTQVSSSLSP GTLTVEAPMPKLATQSNEITPVTTFESRAQLGGPEAAKSDETAAK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HSPB1

Entrez GeneID [3315](#)

GeneBank Accession# [NM_001540](#)

Protein Accession# [NP_001531](#)

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](#)