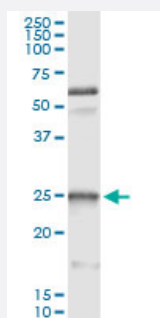


HSPB1 (Human) IP-WB Antibody Pair

Catalog # H00003315-PW1

Size 1 Set

Applications



Immunoprecipitation of HSPB1 transfected lysate using mouse monoclonal anti-HSPB1 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-HSPB1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of HSPB1 transfected lysate using mouse monoclonal anti-HSPB1 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-HSPB1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-HSPB1 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-HSPB1 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

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](#)