

DNAXPAb

Hard-to-Find
Antibody

HSPB1 DNAXPab

Catalog # H00003315-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HSPB1 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MTERRVPFSLLRGPSWDPPFRDWYPHSRLFDQAFGLPRLPEEWSQWLGGSSWPGYVRPLPPAA IESPAVAAPAYSRLSRQLSSGVSEIRHTADRWVRVSLDVNHFAPDELTVKTKDGVVEITGKHEER QDEHGYSRCFTRKYTLPPGVDPTQVSSSLSPGTLTVEAPMPKLATQSNEITPVTFESRAQLGG PEAAKSDETAAK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HSPB1

Entrez GeneID	3315
GeneBank Accession#	NM_001540.2
Protein Accession#	NP_001531.1
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](#)