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Datasheet

HSPB8 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00026353-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human HSPB8 protein.

Immunogen: HSPB8 (NP_055180.1, 1 a.a. ~ 196 a.a) full-length human protein.

Sequence:
MADGQMPFSCHYPSRLRRDPFRDSPLSSRLLDDGFG
MDPFPDDLTASWPDWALPRLSSAWPGTLRSGMVPR
GPTATARFGVPAEGRTPPPFPGEPWKVCVNVHSFKP
EELMVKTKDGYVEVSGKHEEKQQEGGIVSKNFTKKIQ
LPAEVDPVTVFASLSPEGLLIIEAPQVPPYSTFGESSFN
NELPQDSQEVTCT

Host: Mouse

Reactivity: Human

Applications: WB-Ti, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 26353

Gene Symbol: HSPB8

Gene Alias: CMT2L, DHMN2, E2IG1, H11, HMN2, HMN2A, HSP22

Gene Summary: The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene in induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease. [provided by RefSeq]