

Datasheet

HSPB8 polyclonal antibody (A01)

Catalog Number: H00026353-A01

Regulation Status: For research use only (RUO)

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

Immunogen: HSPB8 (AAH02673.1, 1 a.a. ~ 196 a.a.) full-length recombinant protein with GST tag.

Sequence:

MADGQMPFSCHYPSRLRRDPFRDSPLSSRLDDGFG
MDPFPDDLTA SWPDWALPRLSSAWPGTLRSGMVPR
GPTATARFGVPAEGRTPPFPGE PWKVCNVHSHFKP
EELMVKTKDGYVEVSGKHEEKQQEGGIVSKNFTKKIQ
LPAEVD PVTVFASLSPEGLLIIEAPQVPPYSTFGESSFN
NELPQDSQEVTCT

Host: Mouse

Reactivity: Human

Applications: ELISA

(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: 50 % glycerol

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 is 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]