

HSPB2 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2045a**Specification****HSPB2 Antibody - Product Information**

Application	WB, E, FC
Primary Accession	Q16082
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	20.2kDa KDa

Description

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 protein is expressed preferentially in the heart and skeletal muscle. This protein regulates Myotonic Dystrophy Protein Kinase, which plays an important role in maintenance of muscle structure and function. [provided by RefSeq, Dec 2012]

Immunogen

Purified recombinant fragment of human HSPB2 (AA: 1-182) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

HSPB2 Antibody - Additional Information

Gene ID 3316

Other Names

Heat shock protein beta-2, HspB2, DMPK-binding protein, MKBP, HSPB2

Dilution

WB~~1/500 - 1/2000

E~~1/10000

FC~~1/200 - 1/400

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HSPB2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

HSPB2 Antibody - Protein Information

Name HSPB2

Function

May regulate the kinase DMPK.

Cellular Location

Cytoplasm. Nucleus. Note=Localizes to nuclear foci

Tissue Location

Expressed preferentially in skeletal muscle and heart but not in the lens

HSPB2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)