

HSPB8/HSP22 Antibody
Rabbit mAb
Catalog # AP90939**Specification**

HSPB8/HSP22 Antibody - Product Information

Application	WB, IHC, ICC
Primary Accession	O9UJY1
Reactivity	Rat
Clonality	Monoclonal
Other Names	
CMT2L; CRYAC; DHMN2; E2IG1; H11; HMN2; HSPB8; HSP22;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	21604 Da

HSPB8/HSP22 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human HSPB8/HSP22
Description	HSPB8 (HSP22) is a member of the small heat shock protein superfamily and the human protein is most closely related to HSP27. Similar to most other small HSPs (sHSPs), HSPB8 is predominantly transcribed in skeletal muscle and heart. In a two hybrid screen, HSPB8 interacted preferentially with a triple aspartate form of HSP27 which mimics HSP27 phosphorylated at Ser15, Ser78, and Ser82, as compared to wild-type HSP27. Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage Condition and Buffer	

HSPB8/HSP22 Antibody - Protein Information**Name** HSPB8**Synonyms** CRYAC, E2IG1, HSP22**Function**

Involved in the chaperone-assisted selective autophagy (CASA), a crucial process for protein quality control, particularly in mechanical strained cells and tissues such as muscle. Displays temperature-dependent chaperone activity.

Cellular Location

Cytoplasm. Nucleus Note=Translocates to nuclear foci during heat shock

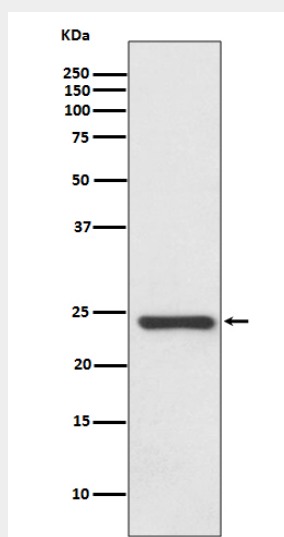
Tissue Location

Predominantly expressed in skeletal muscle and heart.

HSPB8/HSP22 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](#)

HSPB8/HSP22 Antibody - Images

Western blot analysis of HSPB8/HSP22 expression in Human fetal heart lysate.