

HSPB6 / HSP20 Antibody (aa5-54)
Rabbit Polyclonal Antibody
Catalog # ALS14723**Specification**

HSPB6 / HSP20 Antibody (aa5-54) - Product Information

Application	IHC-P, E
Primary Accession	O14558
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17kDa KDa
Dilution	IHC-P~~N/A E~~N/A

HSPB6 / HSP20 Antibody (aa5-54) - Additional Information**Gene ID** 126393**Other Names**

Heat shock protein beta-6, HspB6, Heat shock 20 kDa-like protein p20, HSPB6

Target/Specificity

HSPB6 antibody detects endogenous levels of total HSPB6 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

HSPB6 / HSP20 Antibody (aa5-54) is for research use only and not for use in diagnostic or therapeutic procedures.

HSPB6 / HSP20 Antibody (aa5-54) - Protein Information**Name** HSPB6**Function**

Small heat shock protein which functions as a molecular chaperone probably maintaining denatured proteins in a folding-competent state. Seems to have versatile functions in various biological processes. Plays a role in regulating muscle function such as smooth muscle vasorelaxation and cardiac myocyte contractility. May regulate myocardial angiogenesis implicating KDR. Overexpression mediates cardioprotection and angiogenesis after induced damage. Stabilizes monomeric YWHAZ thereby supporting YWHAZ chaperone-like activity.

Cellular Location

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

Volume

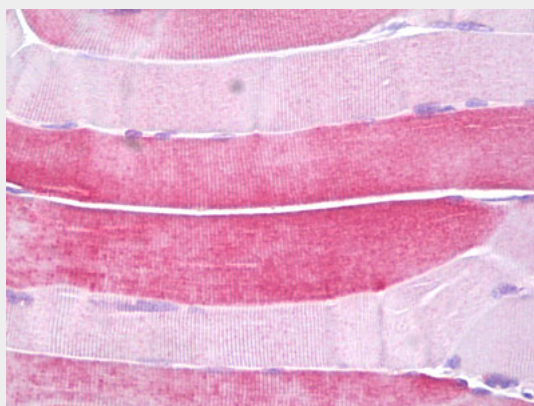
50 µl

HSPB6 / HSP20 Antibody (aa5-54) - 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](#)

HSPB6 / HSP20 Antibody (aa5-54) - Images



Anti-HSPB6 antibody IHC of human skeletal muscle.

HSPB6 / HSP20 Antibody (aa5-54) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Grimwood J.,et al.Nature 428:529-535(2004).
Kato K.,et al.J. Biol. Chem. 269:15302-15309(1994).
Vos M.J.,et al.Biochim. Biophys. Acta 1793:1343-1353(2009).