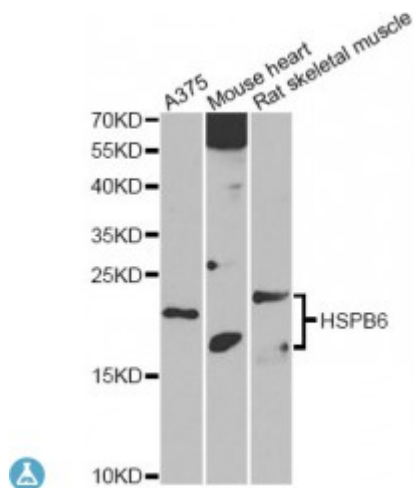


Anti-HSPB6 Antibody



Description

This locus encodes a heat shock protein. The encoded protein likely plays a role in smooth muscle relaxation.

Model	STJ116093
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human HSPB6 (NP_653218.1).
Gene ID	126393
Gene Symbol	HSPB6
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Heat shock protein beta-6 HspB6 Heat shock 20 kDa-like protein p20
Molecular Weight	17.136 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:26511OMIM:610695
Alternative Names	Heat shock protein beta-6 HspB6 Heat shock 20 kDa-like protein p20
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 Localization	Cytoplasm
Post-translational Modifications	The N-terminus is blocked,

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