

## ARG41375 anti-Hsp 20 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Hsp 20
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Hsp 20
Species	Human
Immunogen	Synthetic peptide derived from Human Hsp 20.
Conjugation	Un-conjugated
Alternate Names	HspB6; PPP1R91; Heat shock protein beta-6; Hsp20; HEL55; Heat shock 20 kDa-like protein p20

### Application Instructions

Application table	Application	Dilution
	FACS	1:50
	IHC-P	1:50 - 1:200
	WB	1:5000 - 1:10000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	18 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

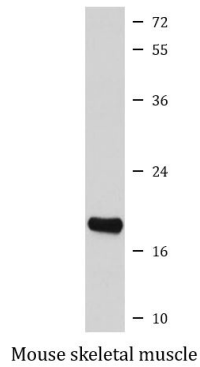
## Bioinformation

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Gene Symbol	HSPB6
Gene Full Name	heat shock protein, alpha-crystallin-related, B6
Background	This locus encodes a heat shock protein. The encoded protein likely plays a role in smooth muscle relaxation. [provided by RefSeq, Jan 2012]
Calculated Mw	17 kDa
PTM	The N-terminus is blocked.  Phosphorylated at Ser-16 by PKA and probably PKD1K; required to protect cardiomyocytes from apoptosis. [UniProt]
Cellular Localization	Cytoplasm. Nucleus. Secreted. Note=Translocates to nuclear foci during heat shock. [UniProt]

## Images

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ARG41375 anti-Hsp 20 antibody WB image

Western blot: Mouse skeletal muscle lysate stained with ARG41375 anti-Hsp 20 antibody.