

Anti-Hsp20 Rabbit Monoclonal Antibody

Catalog # ABO13711

Product Information

Application	WB, IHC, FC
Primary Accession	O14558
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Hsp20 Rabbit Monoclonal Antibody . Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	126393
Other Names	Heat shock protein beta-6, HspB6, Heat shock 20 kDa-like protein p20, Heat shock protein family B member 6, HSPB6
Calculated MW	17136
Application Details	WB 1:5000-1:10000 IHC 1:50-1:200 FC 1:50
Subcellular Localization	Cytoplasm. Nucleus. Translocates to nuclear foci during heat shock.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: IAD-8
Immunogen	A synthesized peptide derived from human Hsp20
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

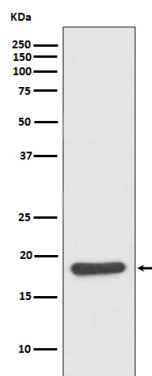
Name	HSPB6
Function	Small heat shock protein which functions as a molecular chaperone

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

Images



Western blot analysis of Hsp20 expression in mouse skeletal muscle lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.