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Hsp20 Antibody

Rabbit mAb
Catalog # AP90949

Product Information

Application	WB, IHC, FC
Primary Accession	O14558
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	HSPB6; HEL55; Hsp20; Heat-shock 20 kDa like-protein p20;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	17136

Additional Information

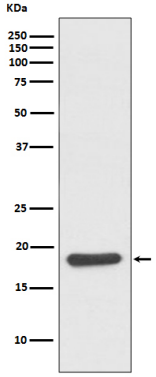
Dilution	WB 1:5000~1:10000 IHC 1:50~1:200 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Hsp20
Description	HSP20 a small heat shock protein of the HSP20 family. Note: This description may include information from UniProtKB.
Storage Condition and Buffer	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.

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.

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