

Recombinant Anti-HSP20 (Phospho-S16) Rabbit mAb

Catalog # AP94998

Product Information

Application	WB, IHC, FC
Primary Accession	O14558
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	17136

Additional Information

Gene ID	126393
Other Names	Heat shock protein beta-6; HspB6; Heat shock 20 kDa-like protein p20
Target/Specificity	KLH-conjugated synthetic Phospho-peptide corresponding to residues surrounding S16 of human HSP20. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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 (Phospho-S16) expression in mouse skeletal muscle (A) whole cell lysates. (Predicted band size: 17 kD; Observed band size: 17 kD)

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