

Datasheet for ABIN7428092
anti-HSPB6 antibody (AA 1-162)

3 Images

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Overview

Quantity:	100 µL
Target:	HSPB6
Binding Specificity:	AA 1-162
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HSPB6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Heat Shock Protein Beta 6 (HSPb6)
Immunogen:	Recombinant Heat Shock Protein Beta 6 (HSPb6) corresponding to Met1~Lys162 (Accession # P97541) with N-terminal His Tag
Clone:	C9
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against HSPb6. It has been selected for its ability to recognize HSPb6 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Protein A + Protein G affinity chromatography

Target Details

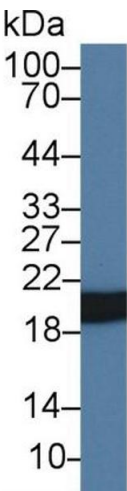
Target:	HSPB6
Alternative Name:	Heat Shock Protein Beta 6 (HSPB6 Products)
Background:	HSP20, Heat Shock Protein 20 kD, Heat Shock Protein B6, Alpha Crystallin Related, Heat shock 20 kDa-like protein p20

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

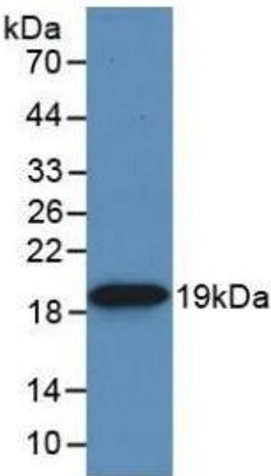
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



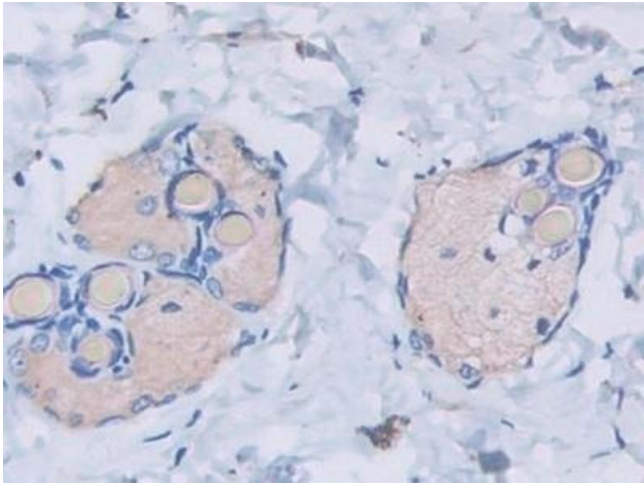
Western Blotting

Image 1. Detection of HSPb6 in Rat Skeletal muscle lysate using Monoclonal Antibody to Heat Shock Protein Beta 6 (HSPb6)



Western Blotting

Image 2. Detection of Recombinant HSPb6, Rat using Monoclonal Antibody to Heat Shock Protein Beta 6 (HSPb6)



Immunohistochemistry

Image 3. Detection of HSPb6 in Rat Skin Tissue using Monoclonal Antibody to Heat Shock Protein Beta 6 (HSPb6)