

Datasheet for ABIN7432808
anti-HSPB2 antibody (AA 12-182)

3 Images

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Overview

Quantity:	100 µL
Target:	HSPB2
Binding Specificity:	AA 12-182
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Polyclonal Antibody to Heat Shock Protein Beta 2 (HSPb2)
Immunogen:	Recombinant Heat Shock Protein Beta 2 (HSPb2) corresponding to Ala12~Pro182 (Accession # Q16082)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against HSPb2. It has been selected for its ability to recognize HSPb2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

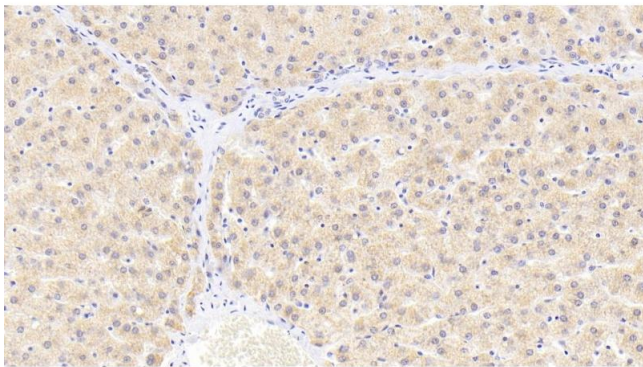
Target:	HSPB2
Alternative Name:	Heat Shock Protein Beta 2 (HSPB2 Products)
Background:	HSP-B2, MKBP, HSP27, Heat Shock 27 kDa Protein 2, DMPK-binding protein

Application Details

Application Notes:	Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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

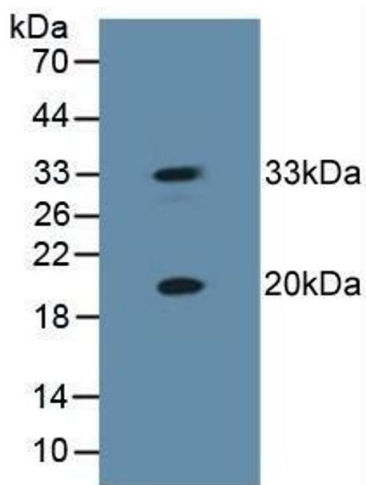
Handling

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



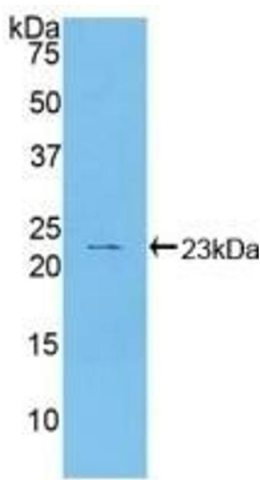
Immunohistochemistry

Image 1. Detection of HSPb2 in Human Liver Tissue using Polyclonal Antibody to Heat Shock Protein Beta 2 (HSPb2)



Western Blotting

Image 2. Detection of HSPb2 in Mouse Skeletal Muscle Tissue using Polyclonal Antibody to Heat Shock Protein Beta 2 (HSPb2)



Western Blotting

Image 3. Detection of Recombinant HSPb2, Human using Polyclonal Antibody to Heat Shock Protein Beta 2 (HSPb2)