



Datasheet for ABIN7432406  
**anti-HSP27 antibody (AA 1-201)**



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2 Images

Overview

Quantity:	100 µL
Target:	HSP27
Binding Specificity:	AA 1-201
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSP27 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Heat Shock Protein 27 (Hsp27)
Immunogen:	Recombinant Heat Shock Protein 27 (Hsp27) corresponding to Met1~Lys201 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against Hsp27. It has been selected for its ability to recognize Hsp27 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	HSP27
Alternative Name:	Heat Shock Protein 27 ( <a href="#">HSP27 Products</a> )
Background:	HSPB1, HSP-B1, CMT2F, HSP28, Hsp25, Heat Shock 27 kDa Protein 1, 28 kDa heat shock protein, Heat shock protein beta-1, Estrogen-regulated 24 kDa protein,
Pathways:	<a href="#">VEGF Signaling</a>

## Application Details

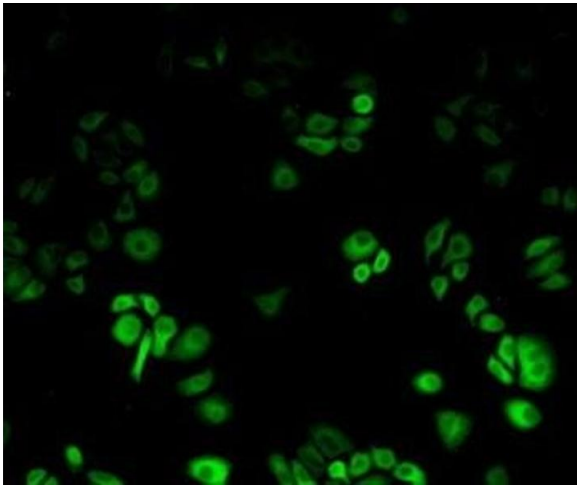
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Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by 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

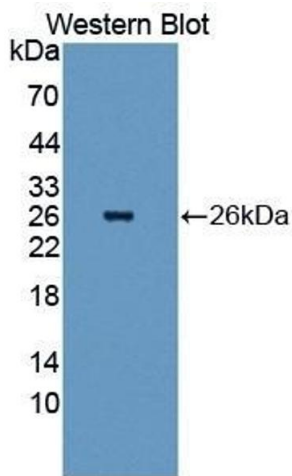
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	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 Hsp27 in Human HeLa Cell using Polyclonal Antibody to Heat Shock Protein 27 (Hsp27)



### Western Blotting

**Image 2.** Detection of Recombinant HSPB1, Bovine using Polyclonal Antibody to Heat Shock Protein 27 (Hsp27)