# antibodies - online.com







# anti-HMGB1 antibody (AA 1-215)

**Images** 



## Overview

Quantity:	100 μL
Target:	HMGB1
Binding Specificity:	AA 1-215
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## **Product Details**

Purpose:	Polyclonal Antibody to High Mobility Group Protein 1 (HMGB1)
Immunogen:	Recombinant High Mobility Group Protein 1 (HMGB1) corresdonding to Met1~Glu215 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against HMGB1. It has been selected for its ability to recognize HMGB1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## **Target Details**

Application Notes:

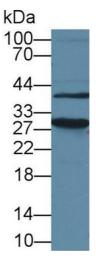
Target:	HMGB1
Alternative Name:	High Mobility Group Protein 1 (HMGB1 Products)
Background:	HMG1, HMG3, SBP1, Sulfoglucuronyl Carbohydrate Binding Protein, Amphoterin, High Mobility Group Box 1 Protein
Pathways:	p53 Signaling, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development, Positive Regulation of Endopeptidase Activity, Regulation of Carbohydrate Metabolic Process, Toll-Like Receptors Cascades, Smooth Muscle Cell Migration, Inflammasome
Application Details	

	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

Western blotting:  $0.5-2 \mu g/mL$ 

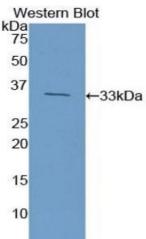
## Handling

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



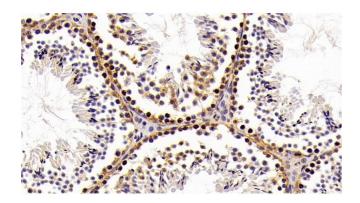
## **Western Blotting**

**Image 1.** Detection of HMGB1 in Human HepG2 cell lysate using Polyclonal Antibody to High Mobility Group Protein 1 (HMGB1)



#### **Western Blotting**

**Image 2.** Detection of Recombinant HMG1, Mouse using Polyclonal Antibody to High Mobility Group Protein 1 (HMGB1)



## **Immunohistochemistry**

**Image 3.** Detection of HMGB1 in Mouse Testis Tissue using Polyclonal Antibody to High Mobility Group Protein 1 (HMGB1)

Please check the product details page for more images. Overall 10 images are available for ABIN7431743.