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## anti-HMGB1 antibody (AA 100-200)

24

**Images** 



**Publications** 



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OVERVIEW		
Quantity:	100 μL	
Target:	HMGB1	
Binding Specificity:	AA 100-200	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This HMGB1 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		

### **Product Details**

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human HMGB1 (NP_002119.1).
Sequence:	SAFFLFCSEY RPKIKGEHPG LSIGDVAKKL GEMWNNTAAD DKQPYEKKAA KLKEKYEKDI AAYRAKGKPD AAKKGVVKAE KSKKKKEEEE DEEDEEDEEE E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## **Target Details**

Target:	HMGB1	
Alternative Name:	HMGB1 (HMGB1 Products)	
Background:	This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein.,HMG-1,HMG1,HMG3,SBP-1,HMGB1,Epigenetics & Nuclear Signaling,Histones,RNA Binding,Cell Biology & Developmental Biology,Apoptosis,HMGB1	
Molecular Weight:	24 kDa	
Gene ID:	3146	
UniProt:	P09429	
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	

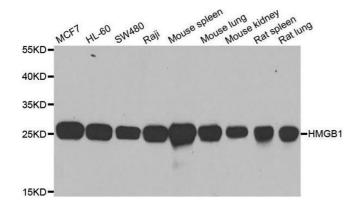
## **Application Details**

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200	
Restrictions:	For Research Use only	
Handling		
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	
Publications		
Product cited in:	Shan, Xu, Bleyer, Becker, Melbaum, Wemheuer, Hirschfeld, Wacker, Zhao, Schütz, Brenig: "	

Association of  $\alpha/\beta$ -Hydrolase D16B with Bovine Conception Rate and Sperm Plasma

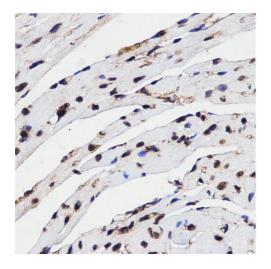
Membrane Lipid Composition." in: **International journal of molecular sciences**, Vol. 21, Issue 2, (2020) (PubMed).

## **Images**



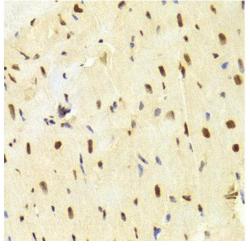
## **Western Blotting**

**Image 1.** Western blot analysis of extracts of various cell lines, using HMGB1 antibody.



### **Immunohistochemistry**

Image 2.



### **Immunohistochemistry**

Image 3.

Please check the product details page for more images. Overall 24 images are available for ABIN3023358.

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