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**Images** 



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# Overview

Quantity:	100 μL
Target:	HMGA1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This HMGA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP)

# **Product Details**

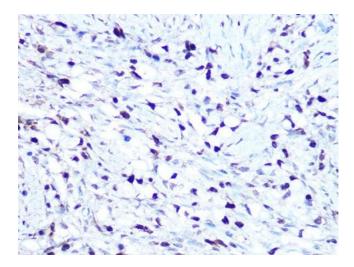
Purpose:	HMGA1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human HMGA1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

# **Target Details**

Target:	HMGA1
Alternative Name:	HMGA1 (HMGA1 Products)

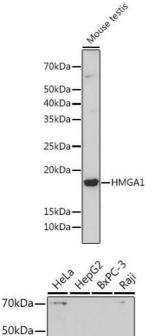
# **Target Details**

Background:	This gene encodes a chromatin-associated protein involved in the regulation of gene
	transcription, integration of retroviruses into chromosomes, and the metastatic progression of
	cancer cells. The encoded protein preferentially binds to the minor groove of AT-rich regions in
	double-stranded DNA. Multiple transcript variants encoding different isoforms have been found
	for this gene. Pseudogenes of this gene have been identified on multiple chromosomes.
	[provided by RefSeq, Jan 2016],HMG-R, HMGA1A, HMGIY,Cancer,Epigenetics & Nuclear
	Signaling, Histones, Transcription Factors, HMGA1
Molecular Weight:	17kDa
Gene ID:	3159
UniProt:	P17096
Pathways:	Nuclear Hormone Receptor Binding, Autophagy
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:200,ChIP,1:50 - 1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,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.



### **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human oophoroma using HMG Rabbit mAb (ABIN7267646) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



40kDa-

35kDa-

25kDa

20kDa-

15kDa-10kDa-

# **Western Blotting**

**Image 2.** Western blot analysis of extracts of Mouse testis, using HMG Rabbit mAb (ABIN7267646) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

# **Western Blotting**

Image 3. Western blot analysis of extracts of various cell lines, using HMG Rabbit mAb (ABIN7267646) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

Please check the product details page for more images. Overall 7 images are available for ABIN7267646.

HMGA1