

**HMGIY / HMGA1 Antibody (aa1-53)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS17012****Specification**

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**HMGIY / HMGA1 Antibody (aa1-53) - Product Information**

Application	IHC
Primary Accession	<a href="#">P17096</a>
Other Accession	<a href="#">3159</a>
Reactivity	Human, Mouse, Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	11676

**HMGIY / HMGA1 Antibody (aa1-53) - Additional Information****Gene ID** 3159**Other Names**

HMGA1, High mobility group protein A1, High mobility group protein R, HMG-R, Hmg-i, HMGIY, High mobility group AT-hook 1, HMG-I(Y), HMGA1A

**Target/Specificity**

Human HMGIY / HMGA1

**Reconstitution & Storage**

PBS, pH 7, 1% BSA, 20% Glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

**Precautions**

HMGIY / HMGA1 Antibody (aa1-53) is for research use only and not for use in diagnostic or therapeutic procedures.

**HMGIY / HMGA1 Antibody (aa1-53) - Protein Information****Name** HMGA1**Synonyms** HMGIY**Function**

HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double-stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.

**Cellular Location**

Nucleus. Chromosome.

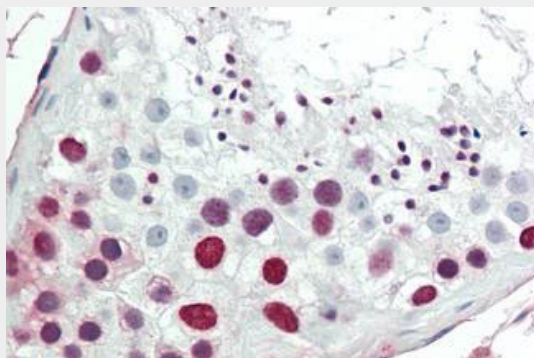
**Volume**  
100  $\mu$ l

### **HMG1Y / HMGA1 Antibody (aa1-53) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **HMG1Y / HMGA1 Antibody (aa1-53) - Images**



Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)

### **HMG1Y / HMGA1 Antibody (aa1-53) - Background**

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### **HMG1Y / HMGA1 Antibody (aa1-53) - References**

Eckner R., et al. *Nucleic Acids Res.* 17:5947-5959(1989).  
Johnson K.R., et al. *Mol. Cell. Biol.* 9:2114-2123(1989).  
Friedmann M., et al. *Nucleic Acids Res.* 21:4259-4267(1993).  
Nagpal S., et al. *J. Biol. Chem.* 274:22563-22568(1999).  
Mungall A.J., et al. *Nature* 425:805-811(2003).