

### **HMGA1** Antibody

Rabbit mAb Catalog # AP91667

## **Specification**

### **HMGA1** Antibody - Product Information

Application WB, IHC, FC, ICC

Primary Accession P17096
Reactivity Rat

Clonality Monoclonal

**Other Names** 

HMG R; HMG-I(Y); HMGA1; HMGA1A; HMGIY;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 11676 Da

## **HMGA1** Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500 FC~~1:10~50

ICC~~N/A
Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

HMGA1

Description 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.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

#### **HMGA1** Antibody - 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.

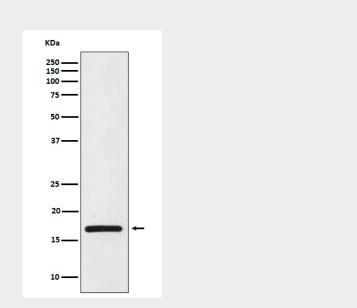
**Cellular Location**Nucleus. Chromosome.

# **HMGA1** Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## **HMGA1 Antibody - Images**



Western blot analysis of HMGA1 expression in HepG2 cell lysate.