

**HMGA2 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5342****Specification**

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**HMGA2 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P52926</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=12, 9, 10, 11;M=12 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**HMGA2 Antibody (N-term) - Additional Information****Gene ID** 8091**Antigen Region**  
15-49**Other Names**

High mobility group protein HMGI-C, High mobility group AT-hook protein 2, HMGA2, HMGIC

**Dilution**

WB~~1:1000

**Target/Specificity**

This HMGA2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 15-49 amino acids from the N-terminal region of human HMGA2.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

HMGA2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**HMGA2 Antibody (N-term) - Protein Information****Name** HMGA2

## Synonyms HMGIC

### Function

Functions as a transcriptional regulator. Functions in cell cycle regulation through CCNA2. Plays an important role in chromosome condensation during the meiotic G2/M transition of spermatocytes. Plays a role in postnatal myogenesis, is involved in satellite cell activation (By similarity). Positively regulates IGF2 expression through PLAG1 and in a PLAG1-independent manner (PubMed:<a href="http://www.uniprot.org/citations/28796236" target="\_blank">28796236</a>).

### Cellular Location

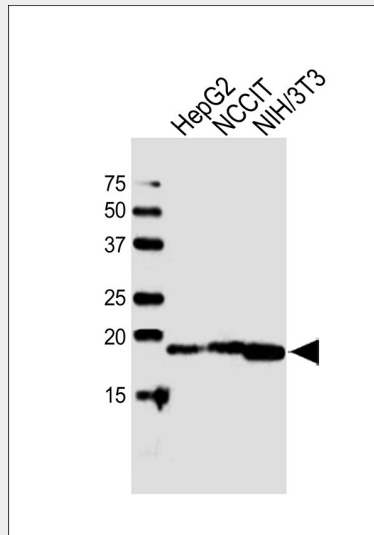
Nucleus.

## HMGA2 Antibody (N-term) - 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](#)

## HMGA2 Antibody (N-term) - Images



Western blot analysis of lysates from HepG2, NCCIT, mouse NIH/3T3 cell line (from left to right), using HMGA2 Antibody (N-term) (Cat. #AW5342). AW5342 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

## HMGA2 Antibody (N-term) - Background

Functions as a transcriptional regulator. Functions in cell cycle regulation through CCNA2. Plays an important role in chromosome condensation during the meiotic G2/M transition of spermatocytes.

### **HMGA2 Antibody (N-term) - References**

- Patel U.A., et al. *Biochem. Biophys. Res. Commun.* 201:63-70(1994).  
Schoenmakers E.F.P.M., et al. *Nat. Genet.* 10:436-444(1995).  
Chau K.-Y., et al. *Nucleic Acids Res.* 23:4262-4266(1995).  
Ashar H.R., et al. *Genomics* 31:207-214(1996).  
Hauke S., et al. *Biochim. Biophys. Acta* 1729:24-31(2005).