

**HMGA2 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21439b**

**Specification**

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

Application	WB,E
Primary Accession	<a href="#">P52926</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	11832

**HMGA2 Antibody (C-term) - Additional Information**

**Gene ID** 8091

**Other Names**

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

**Target/Specificity**

This HMGA2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 84-118 amino acids from the C-terminal region of human HMGA2.

**Dilution**

WB~~1:2000

**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 (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**HMGA2 Antibody (C-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:[28796236](#)).

#### Cellular Location

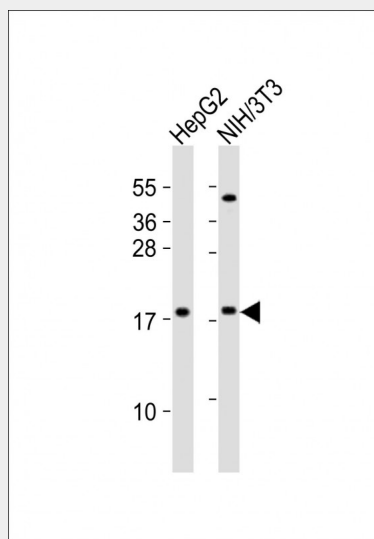
Nucleus.

#### HMGA2 Antibody (C-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 (C-term) - Images



All lanes : Anti-HMGA2 Antibody (C-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysates Lane 2: NIH/3T3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 12 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### HMGA2 Antibody (C-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 (C-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).