

**HMGA2 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20974b****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             |
| Isotype           | Rabbit IgG             |
| Calculated MW     | 11832                  |

**HMGA2 Antibody (N-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 15-49 amino acids from the N-terminal region of human HMGA2.

**Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

**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:[28796236](#)).

## Cellular Location

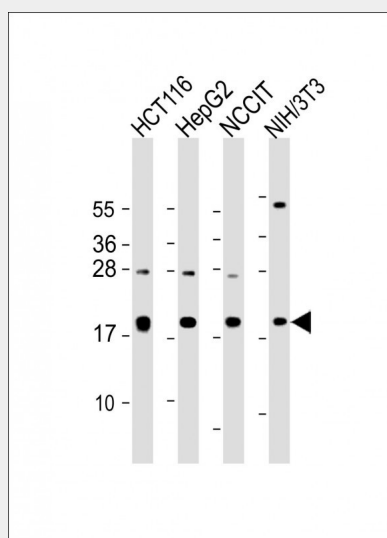
Nucleus.

## 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



All lanes : Anti-HMGA2 Antibody (N-term) at 1:2000 dilution Lane 1: HCT116 whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: NCCIT whole cell lysate Lane 4: NIH/3T3 whole cell lysate 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 (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).