

# HMGA2 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AW5342

## Product Information

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

## Additional Information

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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.

## Protein Information

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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.

## Background

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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.

## References

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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).

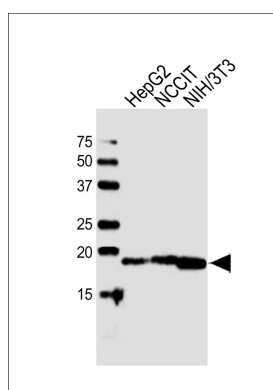
Chau K.-Y.,et al.Nucleic Acids Res. 23:4262-4266(1995).

Ashar H.R.,et al.Genomics 31:207-214(1996).

Hauke S.,et al.Biochim. Biophys. Acta 1729:24-31(2005).

## Images

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.