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HMGA2 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5342

Product Information

Application	WB
Primary Accession	P52926
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11832
Isotype	Rabbit IgG
Antigen Source	HUMAN

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.

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.

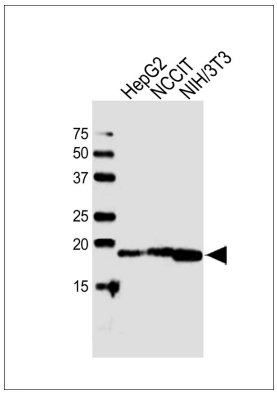
Background

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.

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).
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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.

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