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HMGA2 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20974b

Product Information

Application	WB, E
Primary Accession	P52926
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB51394
Calculated MW	11832

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.
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.

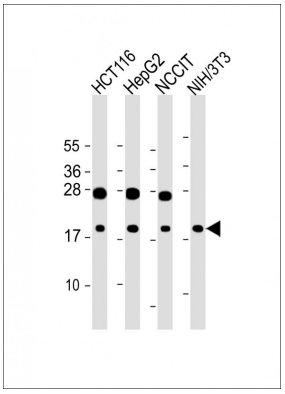
Background

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



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.

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