

HMGA2 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20974b

Product Information

Application WB, E **Primary Accession** P52926

Reactivity Human, Mouse

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.

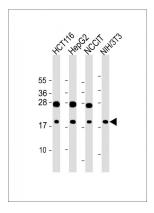
Background

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

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'.