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Mouse Hmga2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5498

Product Information

Application	WB
Primary Accession	P52927
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11819
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	15364
Antigen Region	72-105
Other Names	High mobility group protein HMGI-C, High mobility group AT-hook protein 2, Hmga2, Hmgic
Dilution	WB~~1:1000
Target/Specificity	This Mouse Hmga2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 72-105 amino acids from the C-terminal region of Mouse Hmga2.
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	Mouse Hmga2 Antibody (C-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 (PubMed:27446912). Positively regulates IGF2 expression through PLAG1 and in a

PLAG1-independent manner (By similarity).

Cellular Location Nucleus.

Tissue Location Expressed in mitotic spermatogonia, meiotic spermatocytes, and postmeiotic round spermatids (at protein level) (PubMed:14668482). Expressed in embryonic myogenic progenitor cells (PubMed:27446912).

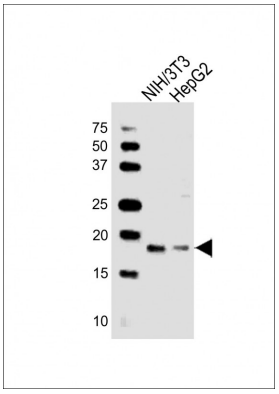
Background

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

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Zhou X.,et al.Nucleic Acids Res. 24:4071-4077(1996).
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Images



All lanes : Anti-Hmga2 Antibody (C-term) at 1:1000 dilution Lane 1: NIH/3T3 whole cell lysates Lane 2: HepG2 whole cell lysates 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'.