

Rabbit anti-Human, mouse Hmga2 Polyclonal Antibody | anti-Hmga2 antibody

Mouse Hmga2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286426	Rabbit	Human, mouse	Western Blot, ELISA, Immunofluorescence

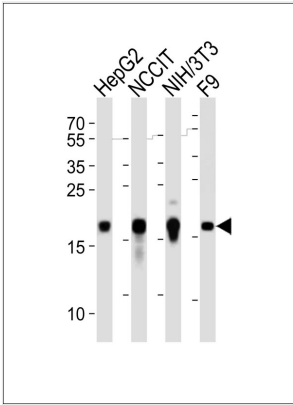
PRODUCT SYNONYMS

Hmga2; Polyclonal Antibody; Mouse Hmga2 Antibody (C-term); High mobility group protein HMGI-C; High mobility group AT-hook protein 2; Hmgic; anti-Hmga2 antibody

PRODUCT SPECIFICATIONS

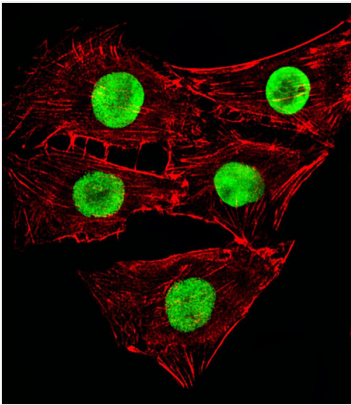
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Hmga2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 72-105 amino acids from the C-terminal region of Mouse Hmga2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	108
Applicable Applications for anti-Hmga2 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HepG2, NCCIT, mouse NIH/3T3, mouse F9 cell line (from left to right), using Hmga2 Antibody (C-term). AAA286426 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.



IF (Immunofluorescence)

Fluorescent image of C2C12 cells stained with Mouse Hmga2 Antibody (C-term). AAA286426 was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-Hmga2 antibody	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.
Product Categories/Family for anti-Hmga2 antibody	Crown Antibodies; Cancer; Developmental Biology; Neuroscience; Signal Transduction; Stem Cells
References	Manfioletti G.,et al.Nucleic Acids Res. 19:6793-6797(1991). Manfioletti G.,et al.Gene 167:249-253(1995). Zhou X.,et al.Nucleic Acids Res. 24:4071-4077(1996). Carninci P.,et al.Science 309:1559-1563(2005). Di Agostino S.,et al.Mol. Biol. Cell 15:1224-1232(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754210
NCBI GeneID	15364
NCBI Accession #	NP_034571.1
NCBI GenBank Nucleotide #	NM_010441.2
UniProt Accession #	P52927; Q3UQW0
Molecular Weight	11819
NCBI Official Full Name	high mobility group protein HMGI-C
NCBI Official Synonym Full Names	high mobility group AT-hook 2
NCBI Official Symbol	Hmga2
NCBI Official Synonym Symbols	pg; Hmgic; pygmy; HMGI-C; 9430083A20Rik
NCBI Protein Information	high mobility group protein HMGI-C
UniProt Protein Name	High mobility group protein HMGI-C
UniProt Gene Name	Hmga2
UniProt Synonym Gene Names	Hmgic
UniProt Entry Name	HMGA2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmga2-antibody-western-blot-immunofluorescence-elisa/286426>