

HMGI-C / HMGA2 Antibody (internal region)

Peptide-affinity purified goat antibody Catalog # AF3015a

Specification

HMGI-C / HMGA2 Antibody (internal region) - Product Information

Application WB
Primary Accession P52926

Other Accession NP 003474.1, NP 003475.1, 8091

Reactivity
Predicted
Dog
Host
Clonality
Polyclonal
Concentration
Isotype
Calculated MW
Human
Dog
Goat
Cong
Goat
Polyclonal
0.5 mg/ml
IgG
Talgarea

HMGI-C / HMGA2 Antibody (internal region) - Additional Information

Gene ID 8091

Other Names

High mobility group protein HMGI-C, High mobility group AT-hook protein 2, HMGA2, HMGIC

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HMGI-C / HMGA2 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

HMGI-C / HMGA2 Antibody (internal region) - 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).



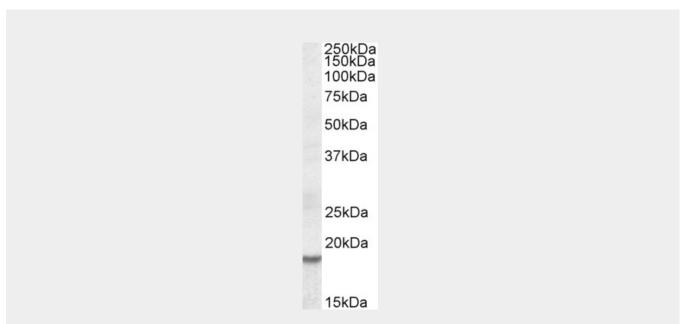
Cellular Location Nucleus.

HMGI-C / HMGA2 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HMGI-C / HMGA2 Antibody (internal region) - Images



AF3015a (1 μ g/ml) staining of Human Heart lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

HMGI-C / HMGA2 Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_003474.1; NP_003475.1) and is not expected to cross-react with HMGA1.

HMGI-C / HMGA2 Antibody (internal region) - References

Expression and cDNA cloning of human HMGI-C phosphoprotein Patel UA, Bandiera A, Manfioletti G, Giancotti V, Chau KY, Crane-Robinson C Biochem Biophys Res Commun. 1994 May 30;201(1):63-70. PMID: 8198613