

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

Peptide-affinity purified goat antibody Catalog # AF3015a

## **Specification**

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

Application WB, E
Primary Accession P52926

Other Accession <u>NP\_003474.1</u>, <u>NP\_003475.1</u>, <u>8091</u>

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

#### **Dilution**

WB~~1:1000

E~~N/A

#### **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:<a href="http://www.uniprot.org/citations/28796236" target="\_blank">28796236</a>).

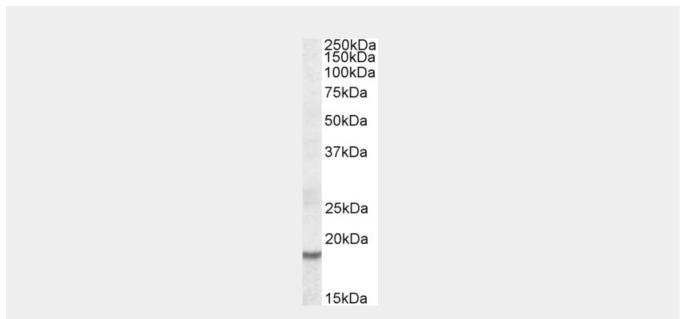
**Cellular Location** Nucleus.

# 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
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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



AF3015a (1  $\mu$ g/ml) staining of Human Heart lysate (35  $\mu$ 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