

**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	<a href="#">P52926</a>
Other Accession	<a href="#">NP_003474.1</a> , <a href="#">NP_003475.1</a> , <a href="#">8091</a>
Reactivity	Human
Predicted	Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	11832

**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:<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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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, Giacotti V, Chau KY, Crane-Robinson C Biochem Biophys Res Commun. 1994 May 30;201(1):63-70. PMID: 8198613