

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	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: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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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

AF3015a (1 µg/ml) staining of Human Heart lysate (35 µg 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