

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09623 - Goat Anti-HMGI-C / HMGA2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HMGA2, high mobility group AT-hook 2, BABL, HMGI-C, HMGIC, LIPO, STQTL9, High-mobility group protein HMGI-C, high-mobility group (nonhistone chromosomal) protein isoform I-C

**Official Symbol:** HMGA2

**Accession Number(s):** NP\_003474.1; NP\_003475.1

**Human GeneID(s):** [8091](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_003474.1; NP\_003475.1) and is not expected to cross-react with HMGA1.

### Immunogen

Peptide with sequence C-KAAQKKAETGEK, from the internal region of the protein sequence according to NP\_003474.1; NP\_003475.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 18kDa band observed in Human Heart lysates (calculated MW of 11.8kDa according to NP\_003474.1 and 11.5kDa according to NP\_003475.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Di Cello et al, Mol Cancer Res. 2008 May;6(5):743-50.; PMID: 18505920). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog

EB09623 (1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.