

Goat anti-HMGI-C / HMGA2 Antibody

Item Number dAP-1908

Target Molecule Principle Name: HMGI-C / HMGA2; Official Symbol: HMGA2; All Names and Symbols: 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; Accession Number (s): NP_003474.1; NP_003475.1; Human Gene ID(s): 8091; Non-Human GeneID(s):

Immunogen KAAQKKAEATGEK, is from internal region
This antibody is expected to recognize both reported isoforms (NP_003474.1; NP_003475.1) and is not expected to cross-react with HMGA1.

Applications Pep ELISA, WB

Species Tested: Human

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

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.

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

Western Blot 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

IHC

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

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**