

# Rabbit anti-Human, Mouse HMGA2/HMGI-C Polyclonal Antibody | anti-HMGA2/HMGI-C antibody

HMGA2/HMGI-C antibody (pAb)

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                      |
|-----------|--------|--------------|-----------------------------------|
| AAA59969  | Rabbit | Human, Mouse | Western Blot, Immunoprecipitation |

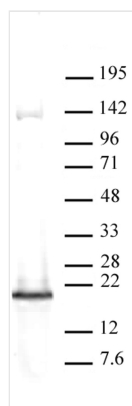
## PRODUCT SYNONYMS

HMGA2/HMGI-C; Polyclonal Antibody; HMGA2/HMGI-C antibody (pAb); BABL; LIPO; HMGIC; STQTL9; anti-HMGA2/HMGI-C antibody

## PRODUCT SPECIFICATIONS

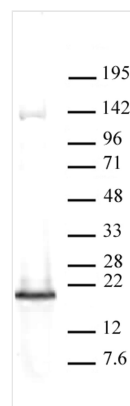
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|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                   | Rabbit                                                                                                                                                                                                                                                                                    |
| Reactivity                                             | Human, Mouse                                                                                                                                                                                                                                                                              |
| Clonality                                              | Polyclonal                                                                                                                                                                                                                                                                                |
| Isotype                                                | IgG                                                                                                                                                                                                                                                                                       |
| Purity/Purification                                    | Affinity Purified                                                                                                                                                                                                                                                                         |
| Form/Format                                            | Purified IgG in 70mM Tris (pH8), 105mM NaCl, 31mM glycine, 0.07mM EDTA, 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.                                                                                                                                               |
| Applicable Applications for anti-HMGA2/HMGI-C antibody | WB (Western Blot), IP (Immunoprecipitation)                                                                                                                                                                                                                                               |
| Immunogen                                              | This HMGA2 antibody was raised against a peptide within the N-terminal region of human HMGA2/HMGI-C.                                                                                                                                                                                      |
| Preparation and Storage                                | Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul |

## IMAGES



### WB (Western Blot)

HMGA2 / HMGI-C antibody (pAb) tested by Western blot. Detection of HMGA2 / HMGI-C by Western blot. Nuclear extract (25 ug) of mouse ES cells probed with HMGI-C / HMGA2 antibody at a dilution of 1:3,000.



### WB (Western Blot)

HMGA2 / HMGI-C antibody (pAb) tested by Immunoprecipitation. 10 ul of HMGA2 / HMGI-C antibody was used to immunoprecipitate HMGA2 / HMGI-C from 250 ug of HepG2 nuclear cell extract (lane 2). 10 ul of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the HMGA2 / HMGI-C antibody at a dilution of 1:3,000.

ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-HMGA2/HMGI-C antibody | <p>Short Description: Our HMGA2/HMGI-C antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human and Mouse samples.</p> <p>Background: HMGA2 (High-mobility group AT-hook protein 2, HMGI-C) is a member of the HMG (High mobility group) protein family, which are non-histone chromatin-associated proteins involved in DNA organization and regulation of transcription. The HMG protein family consists of six proteins and is subdivided into three subfamilies: the HMG-1/-2 subfamily, the HMG-I/Y subfamily and the HMG-14/-17 subfamily. Mouse models of HMGA2 function indicate that it is involved in proliferation at the cellular level and obesity at the organismal level. Overexpression of HMGA2 is observed in a variety of cancers.</p> |
| Product Categories/Family for anti-HMGA2/HMGI-C antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 4504431                                                        |
| NCBI GeneID                      | 8091                                                           |
| NCBI Accession #                 | NP_003474; AB_2614960                                          |
| NCBI GenBank Nucleotide #        | NM_003483.4                                                    |
| UniProt Accession #              | P52926; Q1M182; Q1M185; Q1M186; Q1M187; Q1M188; E7EP85; E7EWA2 |
| Molecular Weight                 | 12.8 kDa (117aa)                                               |
| NCBI Official Full Name          | high mobility group protein HMGI-C isoform a                   |
| NCBI Official Synonym Full Names | high mobility group AT-hook 2                                  |
| NCBI Official Symbol             | HMGA2                                                          |
| NCBI Official Synonym Symbols    | BABL; LIPO; HMGIC; HMGI-C; STQTL9                              |
| NCBI Protein Information         | high mobility group protein HMGI-C                             |
| UniProt Protein Name             | High mobility group protein HMGI-C                             |
| UniProt Gene Name                | HMGA2                                                          |
| UniProt Synonym Gene Names       | HMGIC                                                          |
| UniProt Entry Name               | HMGA2_HUMAN                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hmga2-hmgi-c-antibody-western-blot-immunoprecipitation-elisa/59969>