

## Anti-HMGA2 Antibody (C-term)

Catalog Number: A00436-1

### About HMGA2

This gene encodes a protein that belongs to the non-histone chromosomal high mobility group (HMG) protein family. HMG proteins function as architectural factors and are essential components of the enhancosome. This protein contains structural DNA-binding domains and may act as a transcriptional regulating factor. Identification of the deletion, amplification, and rearrangement of this gene that are associated with myxoid liposarcoma suggests a role in adipogenesis and mesenchymal differentiation. A gene knock out study of the mouse counterpart demonstrated that this gene is involved in diet-induced obesity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-HMGA2 Antibody (C-term)  |
| Reactive Species     | Human   |
| Description          | Boster Bio Anti-HMGA2 Antibody (C-term) (Catalog # A00436-1). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human. |
| Application          | Flow Cytometry, WB  |
| Clonality            | Polyclonal  |
| Formulation          | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.   |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.    |
| Host                 | Rabbit  |
| Uniprot ID           | P52926  |

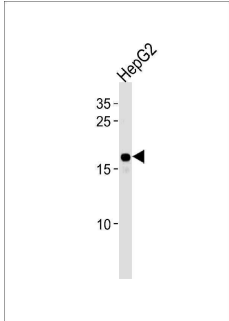
### Technical Details

|                               |  |
|-------------------------------|--|
| Immunogen                     | This HMGA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-92 amino acids from the C-terminal region of human HMGA2.             |
| Predicted Reactive Species    | Mouse  |
| Recommended Detection Systems | Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P). |
| Cross Reactivity              | No cross reactivity with other proteins.   |
| Isotype                       | Rabbit IgG   |
| Form                          | Liquid   |
| Purification                  | This antibody is purified through a protein A column, followed by peptide affinity purification.   |

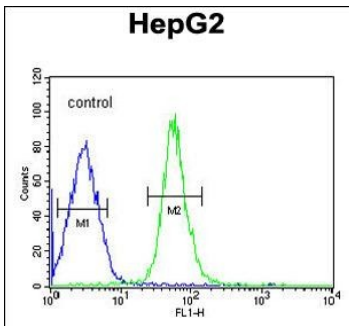
Suggested Dilutions

WB: 1:1000  
FC: 1:10-1:50

## Anti-HMGA2 Antibody (C-term) (A00436-1) Images



HMGA2 Antibody (C-term) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the HMGA2 antibody detected the HMGA2 protein (arrow).



HMGA2 Antibody (C-term) (Cat. #A00436-1) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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Anti-HMGA2 Antibody (C-term)

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