

# HMGA2 Rabbit pAb

Catalog No.: A12743 **2 Publications**

## Basic Information

**Observed MW**

17kDa

**Calculated MW**

12kDa

**Category**

Primary antibody

**Applications**

WB,FC

**Cross-Reactivity**

Human

## Background

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.

## Recommended Dilutions

**WB** 1:500 - 1:2000**FC** 1:20 - 1:50

## Immunogen Information

**Gene ID**

8091

**Swiss Prot**

P52926

**Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms**

BABL; LIPO; SRS5; HMGIC; HMGI-C; STQTL9; HMGA2

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

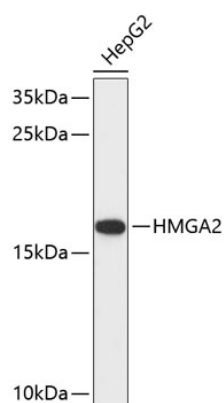
**Storage**

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

## Validation Data

---



Western blot analysis of lysates from HepG2 cells, using HMGA2 Rabbit pAb (A12743).  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.