

HMGA2

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 12kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human HMGA2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

fk

Synonym:

BABL; LIPO; HMGIC; HMGI-C; STQTL9

Catalog #: A2972

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 8091

Isotype: IgG

Swiss Prot: P52926

Purity: Affinity purification

For research use only.

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.

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