

HMGA1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:100 IHC 1:50 - 1:200

Calculated MW: 12kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human HMGA1

Storage Buffer:

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

Synonym:

HMG-R; HMG1Y; HMGA1A;

Catalog #: A2971

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3159

Isotype: IgG

Swiss Prot: P17096

Purity: Affinity purification

For research use only.

Background:

This gene encodes a non-histone protein involved in many cellular processes, including regulation of inducible gene transcription, integration of retroviruses into chromosomes, and the metastatic progression of cancer cells. The encoded protein preferentially binds to the minor groove of A+T-rich regions in double-stranded DNA. It has little secondary structure in solution but assumes distinct conformations when bound to substrates such as DNA or other proteins. The encoded protein is frequently acetylated and is found in the nucleus. At least seven transcript variants encoding two different isoforms have been found for this gene.

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