

HMGA1 Rabbit pAb

Catalog No.: A1635 **2 Publications**

Basic Information

Observed MW

20kDa

Calculated MW

12kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human

Background

This gene encodes a chromatin-associated protein involved in the regulation of gene transcription, integration of retroviruses into chromosomes, and the metastatic progression of cancer cells. The encoded protein preferentially binds to the minor groove of AT-rich regions in double-stranded DNA. Multiple transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene have been identified on multiple chromosomes.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

3159

Swiss Prot

P17096

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HMGA1 (NP_665908.1).

Synonyms

HMG-R; HMG1Y; HMGA1A; HMGA1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

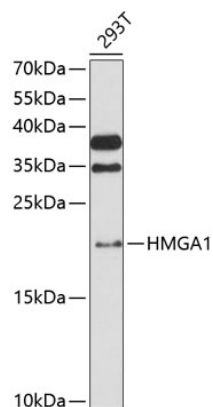
Affinity purification

Storage

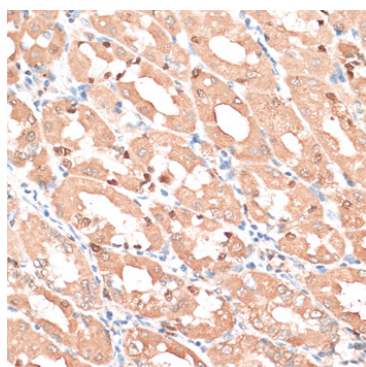
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from 293T cells, using HMGA1 Rabbit pAb (A1635) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



Immunohistochemistry analysis of HMGA1 in paraffin-embedded human stomach using HMGA1 Rabbit pAb (A1635) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.