

HMGIY / HMGA1 Antibody (Internal)

Goat Polyclonal Antibody Catalog # ALS12608

## Specification

# HMGIY / HMGA1 Antibody (Internal) - Product Information

Application Primary Accession Reactivity

Host Clonality Calculated MW IHC <u>P17096</u> Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Horse, Dog Goat Polyclonal 12kDa KDa

### HMGIY / HMGA1 Antibody (Internal) - Additional Information

Gene ID 3159

**Other Names** High mobility group protein HMG-I/HMG-Y, HMG-I(Y), High mobility group AT-hook protein 1, High mobility group protein R, HMGA1, HMGIY

**Target/Specificity** Human HMGA1. This antibody is expected to recognise isoform a (also called HMG-I; NP\_665906.1; NP\_665908.1) and isoform b (also called HMG-Y; NP\_002122.1; NP\_665909.1; NP\_665910.1; NP\_665912.1).

**Reconstitution & Storage** Store at -20°C. Minimize freezing and thawing.

**Precautions** HMGIY / HMGA1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

### HMGIY / HMGA1 Antibody (Internal) - Protein Information

Name HMGA1

Synonyms HMGIY

Function

HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double-stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.

**Cellular Location** Nucleus. Chromosome.

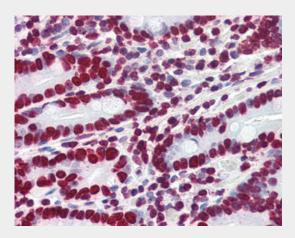


# HMGIY / HMGA1 Antibody (Internal) - Protocols

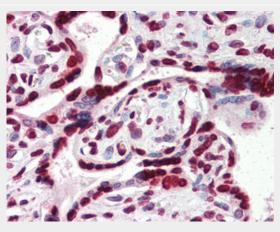
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

HMGIY / HMGA1 Antibody (Internal) - Images



Anti-HMGA1 antibody IHC of human small intestine.



Anti-HMGA1 antibody IHC of human placenta. HMGIY / HMGA1 Antibody (Internal) - Background

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# HMGIY / HMGA1 Antibody (Internal) - References



Eckner R., et al.Nucleic Acids Res. 17:5947-5959(1989). Johnson K.R., et al.Mol. Cell. Biol. 9:2114-2123(1989). Friedmann M., et al.Nucleic Acids Res. 21:4259-4267(1993). Nagpal S., et al.J. Biol. Chem. 274:22563-22568(1999). Mungall A.J., et al.Nature 425:805-811(2003).