

Summary

Production Name	HMGA1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	HMGA1
Alternative Names	HMG R; HMG-I(Y); HMGA1; HMGA1A; HMG1Y
Gene ID	3159
SwissProt ID	P17096

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 12 kDa; Observed MW: 18 kDa

Background

Product Name: HMGA1 Rabbit Monoclonal Antibody
Catalog #: AMRe02098

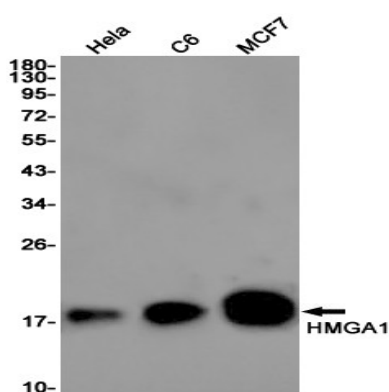


HMGA1/2 bind preferentially to the minor groove of A+T rich regions in double stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.

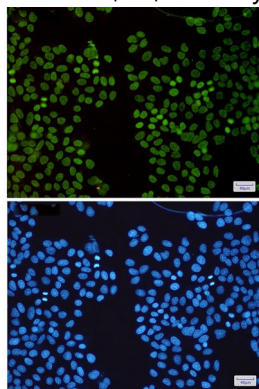
Research Area

Microbiology

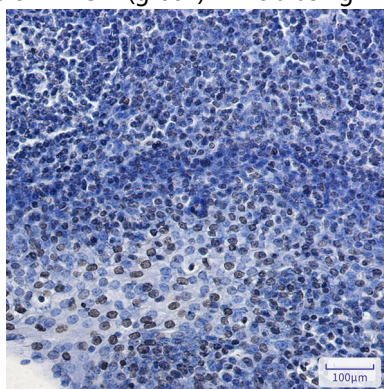
Image Data



Western blot analysis of HMGA1 in HeLa, C6, MCF-7 lysates using HMGA1 antibody.



Immunocytochemistry analysis of HMGA1 (green) in HeLa using HMGA1 antibody, and DAPI (blue)



Immunohistochemistry analysis of paraffin-embedded Human tonsil using HMGA1 antibody. High-pressure and temperature

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Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.