
Product Name: HMGA1 Rabbit Monoclonal antibody**Catalog #: AMRe02098**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.12mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

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

Antigen Information

Gene Name	HMGA1
Alternative Names	HMG R; HMG-I(Y); HMGA1; HMGA1A; HMG1Y
Gene ID	3159
SwissProt ID	P17096
Immunogen	A synthetic peptide of human HMGA1

Background

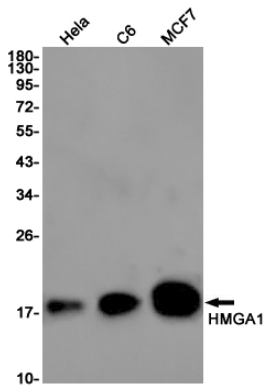
HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the

transcription regulation of genes containing, or in close proximity to A+T-rich regions.

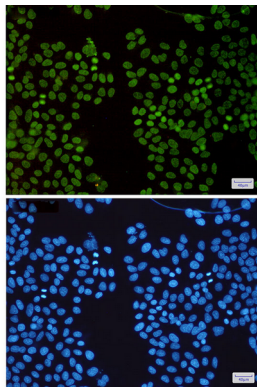
Research Area

Microbiology

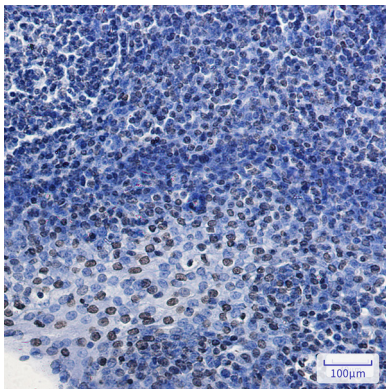
Image Data



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 Sodium Citrate pH 6.0 was used for antigen retrieval.