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**Product Name: HMGA1 Rabbit Monoclonal Antibody****Catalog #: AMRe85660**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC,IP
<b>Reactivity</b>	Human,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20
<b>Molecular Weight</b>	Calculated MW: 12 kDa; Observed MW: 18 kDa

**Antigen Information**

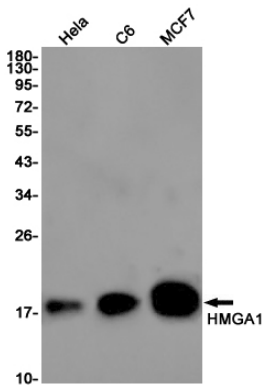
<b>Gene Name</b>	HMGA1
<b>Alternative Names</b>	HMG R; HMG-I(Y); HMGA1; HMGA1A; HMG1Y
<b>Gene ID</b>	3159.0
<b>SwissProt ID</b>	P17096
<b>Immunogen</b>	A synthetic peptide of human HMGA1

**Background**

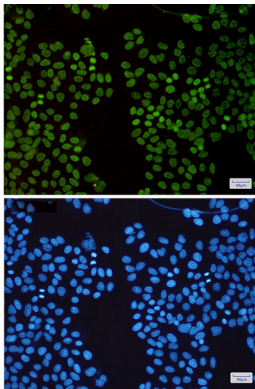
HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close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

## Research Area

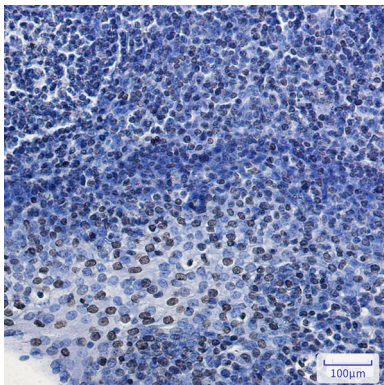
## Image Data



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.