

HMGA1 Rabbit mAb

Catalog # AP75554

Product Information

Application	WB, IHC-P, IHC-F, FC, IP
Primary Accession	P17096
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	11676

Additional Information

Gene ID	3159
Other Names	HMGA1
Dilution	WB~~1:500-1:1000 IHC-P~~N/A IHC-F~~N/A FC~~1:200-1:500 IP~~1:20-1:50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

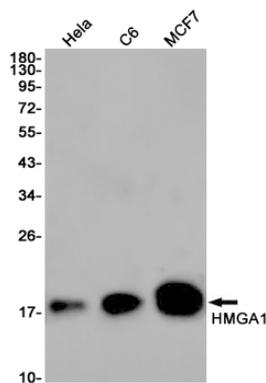
Name	HMGA1
Synonyms	HMG1Y
Function	HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double-stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.
Cellular Location	Nucleus. Chromosome.

Background

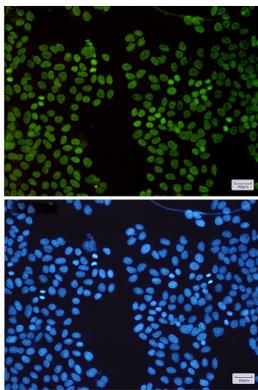
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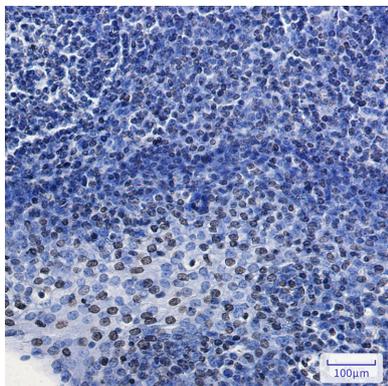
Images



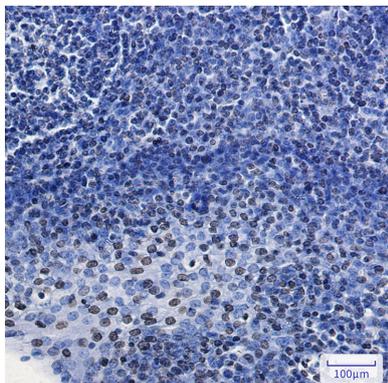
Western blot analysis of HMGA1 in HeLa, C6, MCF-7 lysates using HMGA1 antibody.

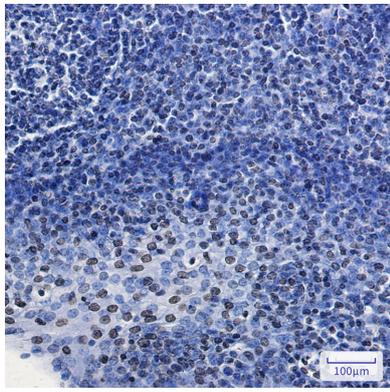


Immunocytochemistry analysis of HMGA1(green) in HeLa using HMGA1 antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human tonsil using HMGA1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.





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