ELK Biotechnology

HMG-I/HMG-Y Polyclona Antibody

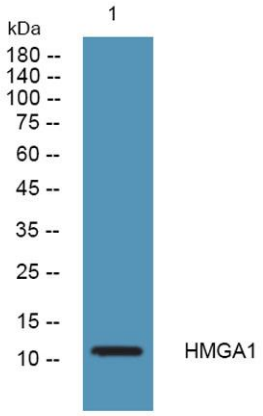
Cat No.:ES15695

For research use only

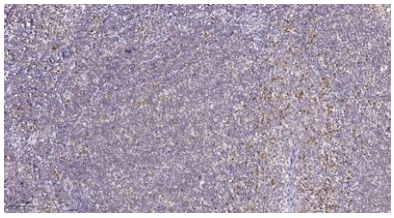
Overview

Product Name	HMG-I/HMG-Y Polyclona Antibody
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human; Mouse; Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from human HMG-I/HMG-Y . AA20-60
Specificity	This antibody detects endogenous levels of human HMG-I/HMG-Y
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	HMG-I/HMG-Y
Gene Name	HMGA1 HMGIY
Cellular localization	Nucleus. Chromosome.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	3159
Human Swiss-Prot Number	P17096
Alternative Names	High mobility group protein HMG-I/HMG-Y (HMG-I(Y);High mobility group AT-hook protein 1;High mobility group protein A1;High mobility group protein R)
Background	This gene encodes a chromatin-associated protein involved in the regulation of gene transcription, integration of retroviruses into chromosomes, and

the metastatic progression of cancer cells. The encoded protein preferentially binds to the minor groove of AT-rich regions in double-stranded DNA. Multiple transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene have been identified on multiple chromosomes. [provided by RefSeq, Jan 2016],



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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