

Rabbit anti-Mouse, Rat HMGA1 Polyclonal Antibody | anti-HMGA1 antibody

HMGA1 Polyclonal Antibody

CATALOG # AAA280971	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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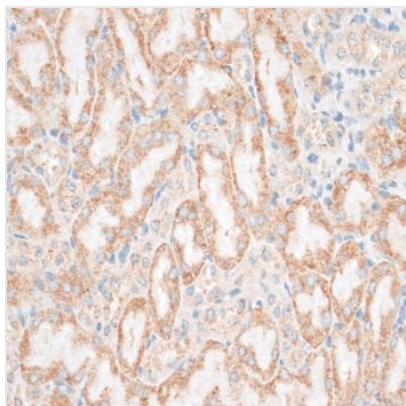
PRODUCT SYNONYMS

HMGA1; Polyclonal Antibody; HMGA1 Polyclonal Antibody; HMG-R; HMGA1A; HMGIY; anti-HMGA1 antibody

PRODUCT SPECIFICATIONS

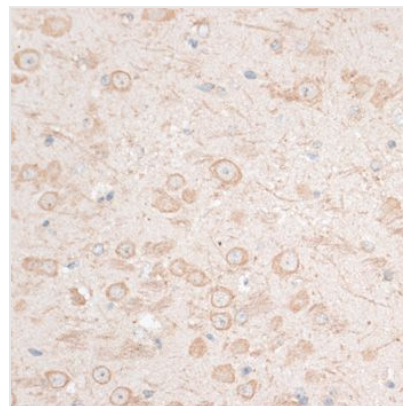
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MSESSSKSSQ PLASKQEKDG TEKRGGRPR KQPPVSPGTA LVGSQKEPSE VPTKRPRGR PKGSKNKGAA KTRKTTTTPG RKPRGRPKKL EKEEEEGISQ
Sequence Length	96
Applicable Applications for anti-HMGA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human HMGA1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Chromosome, Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



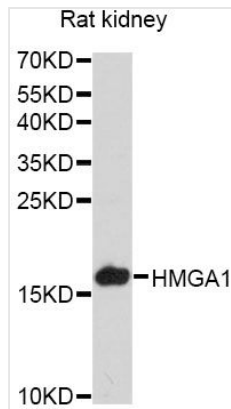
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using HMGA1 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using HMGA1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HMGA1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-HMGA1 antibody	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.
Product Categories/Family for anti-HMGA1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	977380206
NCBI GeneID	3159
NCBI Accession #	NP_001306006.1
NCBI GenBank Nucleotide #	NM_001319077.1
UniProt Accession #	P17096 ; P10910 ; Q5T6U9 ; Q9UKB0
Molecular Weight	Calculated: 10kDa; 11kDa; 19kDa Observed: 16kDa
NCBI Official Full Name	high mobility group protein HMG-I/HMG-Y isoform b
NCBI Official Synonym Full Names	high mobility group AT-hook 1
NCBI Official Symbol	HMGA1
NCBI Official Synonym Symbols	HMG-R; HMG1Y; HMGA1A
NCBI Protein Information	high mobility group protein HMG-I/HMG-Y
UniProt Protein Name	High mobility group protein HMG-I/HMG-Y
UniProt Gene Name	HMGA1
UniProt Synonym Gene Names	HMG1Y; HMG-I(Y); High mobility group protein A1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.