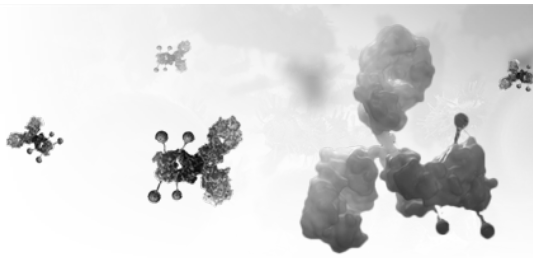

Anti-HMGA1 (aa 12-23) polyclonal antibody (DPABH-12061)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide: LASKQEKDGTEK with a Cysteine residue linker, corresponding to internal sequence amino acids 12-23 of Human HMGA1a/ HMGA1b (NP_002122.1).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	ELISA, IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

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GENE INFORMATION

Gene Name	HMGA1 high mobility group AT-hook 2 [Homo sapiens]
Official Symbol	HMGA1
Synonyms	HMGA1; high mobility group AT-hook 1; HMG-R; HMGIY; HMGA1A; high mobility group protein HMG-I/HMG-Y; HMG-I(Y); high mobility group protein R; high mobility group protein A1; nonhistone chromosomal high-mobility group protein HMG-I/HMG-Y; high-mobility group (nonhistone chromosomal) protein isoforms I and Y;
Entrez Gene ID	3159
Protein Refseq	NP_002122.1
UniProt ID	P17096
Pathway	2-LTR circle formation; Adipogenesis; Cellular Senescence; DNA Damage/Telomere Stress Induced Senescence
Function	5-deoxyribose-5-phosphate lyase activity; AT DNA binding; DNA binding; DNA-(apurinic or apyrimidinic site) lyase activity

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