DNAxPAb   **Hard-to-Find Antibody**

HMGA1 DNAxPab

Catalog #   H00003159-W01P   Size   200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HMGA1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSESSSKSSQPLASKQEKDGTEKRGRGRPRKQPPVSPGTALVGSQKEPSEVPTPKRPRGRPK GSKNKGAAKTRKTTTTPGRKPRGRPKKLEKEEEEGISQESSEEEQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — HMGA1

Entrez GeneID	3159
GeneBank Accession#	NM_145899.1
Protein Accession#	NP_665906.1
Gene Name	HMGA1
Gene Alias	HMG-R, HMGA1A, HMGIY, MGC12816, MGC4242, MGC4854
Gene Description	high mobility group AT-hook 1
Omim ID	600701
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a non-histone protein involved in many cellular processes, including regulation of inducible gene transcription, integration of retroviruses into chromosomes, and the metastatic progression of cancer cells. The encoded protein preferentially binds to the minor groove of A+T-rich regions in double-stranded DNA. It has little secondary structure in solution but assumes distinct conformations when bound to substrates such as DNA or other proteins. The encoded protein is frequently acetylated and is found in the nucleus. At least seven transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000016222|OTTHUMP00000016223|OTTHUMP00000016224|OTTHUMP00000039618|high-mobility group (nonhistone chromosomal) protein isoforms I and Y|nonhistone chromosomal high-mobility group protein HMG-I/HMG-Y

Disease

- Cardiovascular Diseases

- Diabetes Mellitus

- Edema

- Tobacco Use Disorder