DNAxPAb | Hard-to-Find Antibody

HIST1H2AK DNAxPab

Catalog # H00008330-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HIST1H2AK DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYAERVGAGAPVYLAAVLEYLTAEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKLLGKVTIAQGGVLPNIQAVLLPKKTESHHKAKGK
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 — HIST1H2AK

Entrez GeneID	8330
GeneBank Accession#	NM_003510.2
Protein Accession#	NP_003501.1
Gene Name	HIST1H2AK
Gene Alias	H2A/d, H2AFD
Gene Description	histone cluster 1, H2ak
Omim ID	602788
Gene Ontology	Hyperlink
Gene Summary	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chro mosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, an d H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and f unctions in the compaction of chromatin into higher order structures. This gene is intronless and e ncodes a member of the histone H2A family. Transcripts from this gene lack polyA tails but instea d contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq
Other Designations	H2A histone family, member D|OTTHUMP00000018006|histone 1, H2ak

Pathway

- Systemic lupus erythematosus