

DNAxPAb

Hard-to-Find
Antibody

HIST1H4I DNAxPAb

Catalog # H00008294-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HIST1H4I DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSGRGKGGKGLGKGGAKRHRKVL RDNIQGITKPAIRRLARRGGVKRISGPIYEETRGVLKVFL ENVI RDAVTYTEHAKRKTVTAMDVVYALKRQGRTLYGF GG
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 — HIST1H4I

Entrez GeneID [8294](#)

GeneBank Accession# [BC016336.1](#)

Protein Accession# [AAH16336.1](#)

Gene Name HIST1H4I

Gene Alias H4/m, H4FM, H4M

Gene Description histone cluster 1, H4i

Omim ID [602833](#)

Gene Ontology [Hyperlink](#)

Gene Summary Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and 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 functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the histone microcluster on chromosome 6p21.33. [provided by RefSeq]

Other Designations H4 histone family, member M|Histone 4 family, member M|histone 1, H4i|histone family member

Pathway

- [Systemic lupus erythematosus](#)