

DNAxPAb

Hard-to-Find  
Antibody

# HIST2H4A DNAxPab

Catalog # H00008370-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HIST2H4A DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MSGRGKGGKGLGKGGAKRHRKVL RDNIQGITKPAIRRLARRGGVKRISGLIYEETRGVLKVFL 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 — HIST2H4A

Entrez GeneID [8370](#)

GeneBank Accession# [BC153063.1](#)

Protein Accession# [AAI53064.1](#)

Gene Name HIST2H4A

Gene Alias FO108, H4, H4/n, H4F2, H4FN, HIST2H4

Gene Description histone cluster 2, H4a

Omim ID [142750](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy. [provided by RefSeq]

**Other Designations**

H4 histone family, member N|H4 histone, family 2|OTTHUMP00000013906|OTTHUMP00000194862|OTTHUMP00000194863|histone 2, H4a|histone IV, family 2

## Pathway

- [Systemic lupus erythematosus](#)