

DNAxPAb

Hard-to-Find  
Antibody

# HIST4H4 DNAxPab

Catalog # H00121504-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HIST4H4 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 — HIST4H4

**Entrez GeneID** [121504](#)

**GeneBank Accession#** [BC020884](#)

**Protein Accession#** [AAH20884](#)

**Gene Name** HIST4H4

**Gene Alias** H4/p, MGC24116

**Gene Description** histone cluster 4, H4

**Gene Ontology** [Hyperlink](#)

**Gene Summary** Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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. [provided by RefSeq]

**Other Designations** histone 4, H4|histone H4

## Pathway

- [Systemic lupus erythematosus](#)