

DNAxPAb

Hard-to-Find  
Antibody

# HIST1H3G DNAxPab

Catalog # H00008355-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HIST1H3G DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPHRYRPGTVALREIRRYQKSTELLIRKL PFQRLVREIAQDFKTDLRFAQSSAVMALQEACEAYLVGLFEDTNLCAIHAKRVTIMPKDIQLARRIRG ERA
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 — HIST1H3G

Entrez GeneID [8355](#)

GeneBank Accession# [BC012185](#)

Protein Accession# [no protein\\_acc](#)

Gene Name HIST1H3G

Gene Alias H3/h, H3FH

Gene Description histone cluster 1, H3g

Omim ID [602815](#)

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 H3 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq]

**Other Designations** H3 histone family, member H|OTTHUMP00000016152|histone 1, H3g

## Pathway

- [Systemic lupus erythematosus](#)