

DNAxPAb

Hard-to-Find  
Antibody

## H2AFZ DNAxPab

Catalog # H00003015-W01P

Size 200 ug

### Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human H2AFZ DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MAGGKAGKDSGKAKTKAVSRSQRAGLQFPVGRIHRHLKSRTTSHGRVGATAAVYSAAILEYLTAE VLELAGNASKDLKVKRITPRHLQLAIRGDEELDSLKATIAGGGVIPHIHKSIGKKGQQKTV
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 — H2AFZ

**Entrez GeneID** [3015](#)

**GeneBank Accession#** [NM\\_002106.3](#)

**Protein Accession#** [NP\\_002097.1](#)

**Gene Name** H2AFZ

**Gene Alias** H2A.z, H2A/z, H2AZ, MGC117173

**Gene Description** H2A histone family, member Z

**Omim ID** [142763](#)

**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 encodes a replication-independent member of the histone H2A family that is distinct from other members of the family. Studies in mice have shown that this particular histone is required for embryonic development and indicate that lack of functional histone H2A leads to embryonic lethality. [provided by RefSeq]

**Other Designations** H2AZ histone

## Pathway

- [Systemic lupus erythematosus](#)