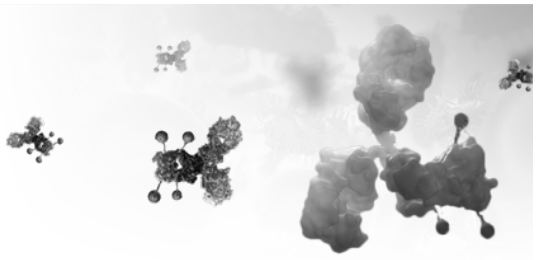

Anti-H2AFB3 (aa 19-115) polyclonal antibody (DPAB-DC3438)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 member of the histone H2A family. This gene is part of a region that is repeated three times on chromosome X, once in intron 22 of the F8 gene and twice closer to the Xq telomere. This record represents the most telomeric copy.
Immunogen	H2AFB3 (NP_542451, 19 a.a. ~ 115 a.a) partial recombinant protein with GST tag. The sequence is TCSRTVRAELSFSVSQVERSLREGHYAQRLSRTAPVYLAAVIEYLTAKVLELAGNEAQNS GERNITPLLLDMVVHNDRLLSTLFNTTTISQVAPGED
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	H2AFB3 H2A histone family, member B3 [Homo sapiens (human)]
Official Symbol	H2AFB3
Synonyms	H2AFB3; H2A histone family, member B3; H2AFB; H2ABBD; histone H2A-Bbd type 2/3; H2A.Bbd; H2A Barr body-deficient; histone variant H2A, Barr-body deficient;
Entrez Gene ID	83740
Protein Refseq	NP_542451
UniProt ID	P0C5Z0
Chromosome Location	Xq28
Pathway	Alcoholism; Systemic lupus erythematosus;

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