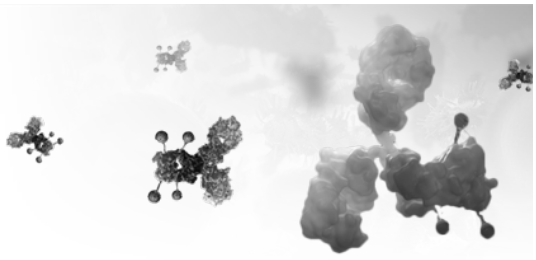

Anti-HIST1H2BH polyclonal antibody (DPAB-DC3415)

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. 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 H2B 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.
Specificity	HIST1H2BH polyclonal antibody detects endogenous levels of HIST1H2BH protein.
Immunogen	A synthetic peptide corresponding to human HIST1H2BH.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB (Cell lysate), IHC-P, IF,
Format	Liquid
Concentration	1 mg/mL
Size	100 µl

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Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Preservative	0.05% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HIST1H2BH histone cluster 1, H2bh [Homo sapiens (human)]
Official Symbol	HIST1H2BH
Synonyms	HIST1H2BH; histone cluster 1, H2bh; H2B/j; H2BFJ; histone H2B type 1-H; histone H2B.j; histone 1, H2bh; H2B histone family, member J;
Entrez Gene ID	8345
Protein Refseq	NP_003515
UniProt ID	Q93079
Chromosome Location	6p21.3
Pathway	Alcoholism; Amyloids; Cell Cycle, Mitotic; Cellular responses to stress
Function	DNA binding; protein heterodimerization activity;

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