



Rabbit anti-Human Histone H4 polyclonal antibody (DPABH-25293)

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

PRODUCT INFORMATION

Antigen Description	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
Specificity	All known acetylated isoforms of histone H4.
Immunogen	Synthetic peptide: NSGRGAcKGGAcKGLGAcKGGAacKRHYCC conjugated to KLH acetylated at lysines 5,8,12,16.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	ELISA, WB, ICC/IF, IP
Format	Liquid
Size	50 µl
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	HIST4H4 histone cluster 4, H5 [Homo sapiens]
Official Symbol	HIST4H4
Synonyms	HIST4H4; histone cluster 4, H4; H4/p; histone H4; histone 4, H4;
Entrez Gene ID	121504
Protein Refseq	NP_778224.1
UniProt ID	B2R4R0
Pathway	Alcoholism; Amyloids; Cell Cycle, Mitotic; Cellular responses to stress