



Anti-Histone H3 (acetyl K27) polyclonal antibody (CABT-BL6112)

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

PRODUCT INFORMATION

Immunogen	A synthetic acetylated peptide corresponding to residues surrounding K27 of human Histone H3
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat, Other (Wide, range)
Purification	Affinity purification
Conjugate	Unconjugated
Applications	WB; IHC; IF; IP; CHIP; CHIPseq
Molecular Weight	16kDa
Format	Liquid
Size	100 µl
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Avoid freeze / thaw cycles.

BACKGROUND

Introduction 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 is intronless and encodes a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

GENE INFORMATION

Entrez Gene ID	8290
----------------	----------------------

UniProt ID	Q16695
------------	------------------------
