



Anti-Histone H3 (asymmetric di methyl R2) polyclonal antibody (CABT-BL6105)

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

PRODUCT INFORMATION

Immunogen	A synthetic methylated peptide corresponding to residues surrounding R2 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
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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
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UniProt ID	Q16695
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