

CAB3158

Product Information

Product SKU:	CAB3158	Gene ID:	8359	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat,Other (Wide Range Predicted)

Additional Information

Observed MW:	13kDa	Conjugate:	Unconjugated
Calculated MW:	11kDa	Isotype:	IgG

Immunogen Information

Background:	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 replication-dependent histone that is a member of the histone H4 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.
Recommended Dilution:	WB,1:500 - 1:2000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200
Synonyms:	H4/I; H4C1; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4FI; H4-16; H4C11; H4C12; H4C13; H4C14; H4C15; H4C16; HIST1H4B; MonoMethyl-Histone H4-R3
Purification Method:	Affinity purification
Immunogen:	A synthetic monomethylated peptide around R3 of human Histone H4 (NP_003529.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.