

CAB7261

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## Product Information

Product SKU:	CAB7261	Gene ID:	8359	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat,Other (Wide Range Predicted)

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## Additional Information

Observed MW:	14kDa	Conjugate:	Unconjugated
Calculated MW:	11kDa	Isotype:	IgG

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## Immunogen Information

**Background:** Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.

**Recommended Dilution:** WB:1:500 - 1:1000 IHC-P:1:50 - 1:200

**Synonyms:** H4; H4/n; H4C1; H4C2; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4F2; H4FN; FO108; H4-16; H4C11; H4C12; H4C13; H4C15; H4C16; HIST2H4; HIST2H4A; Asymmetric DiMethyl-Histone H4-R3

**Purification Method:** Affinity purification

**Immunogen:** A synthetic asymmetric dimethylated peptide around R3 of human HIST2H4A (NP\_003529.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.