

## CAB23888

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### Product Information

<b>Product SKU:</b> CAB23888	<b>Gene ID:</b> 8359	<b>Size:</b> 20uL, 100uL
<b>Clone No:</b> -	<b>Host Species:</b> Rabbit	<b>Reactivity:</b> Human,Mouse,Rat,Other (Wide Range Predicted)

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### Additional Information

<b>Observed MW:</b> 11kDa	<b>Conjugate:</b> Unconjugated
<b>Calculated MW:</b> 11kDa	<b>Isotype:</b> 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

**Synonyms:** H4; H4/n; H4C1; H4C2; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4F2; H4FN; FO108; H4-16; H4C11; H4C12; H4C13; H4C15; H4C16; HIST2H4; HIST2H4A; DiMethyl-Histone H4-K20

**Purification Method:** Affinity purification

**Immunogen:** A synthetic dimethylated peptide around K20 of human histone H4.

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.