

## CAB1131

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**Product Information**

|                     |         |                      |        |                    |   |
|---------------------|---------|----------------------|--------|--------------------|---|
| <b>Product SKU:</b> | CAB1131 | <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<br>(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**

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|------------------------------|--|
| <b>Background:</b>           | 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. |
| <b>Recommended Dilution:</b> | WB,1:500 - 1:1000  |
| <b>Synonyms:</b>             | H4C2; H4C3; H4C4; H4C5; H4C6; H4C8; H4C9; H4FA; H4-16; H4C11; H4C12; H4C13; H4C14; H4C15; H4C16; HIST1H4A; Histone H4  |
| <b>Purification Method:</b>  | Affinity purification  |
| <b>Immunogen:</b>            | A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Histone H4 (NP_003529.1).  |
| <b>Storage:</b>              | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.   |