

CAB20821

Product Information

| | | | | | |
|---------------------|----------|----------------------|-----------|--------------------|---|
| Product SKU: | CAB20821 | Gene ID: | 8290/8350 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat,Other (Wide Range Predicted) |

Additional Information

| | | | |
|-----------------------|-------|-------------------|--------------|
| Observed MW: | 17kDa | Conjugate: | Unconjugated |
| Calculated MW: | 15kDa | Isotype: | IgG |

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 H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. |
| Recommended Dilution: | WB, 1:100 - 1:500 ChIP, 2µg antibody for 5µg-10µg of Chromatin |
| Synonyms: | H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10; H3C11; H3C12; HIST1H3A; MonoMethyl-Histone H3-K79 |
| Purification Method: | Affinity purification |
| Immunogen: | A synthetic monomethylated peptide around K79 of human histone H3 (NP_003520.1). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3. |