# Phospho-Histone H3 (Ser10/Thr11) Rabbit pAb

**db21276** **Package : 20μL 50μL 100μL**

**Product Name :** Phospho-Histone H3 (Ser10/Thr11) Rabbit pAb
**Cat.No.:** db21276
**Synonyms :** H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10; H3C11; H3C12; HIST1H3A
**Application :** WB, IHC, ICC/IF, IP
**Reactivity :** Human, Mouse, Rat
**Host species :** Rabbit

| | |
|---|---|
| **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. [provided by RefSeq, Aug 2015] |
| **Immunogen** | A synthetic phosphopeptide corresponding to residues surrounding Ser10/Thr11 of human Histone H3 |
| **Gene ID** | 8350 |
| **Swiss Prot** | P68431 |
| **Synonyms** | H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10; H3C11; H3C12; HIST1H3A |
| **Reactivity** | Human, Mouse, Rat |
| **Application** | WB, IHC, ICC/IF, IP |
| **Recommended dilution** | WB: 1:1000<br>IHC: 1:20<br>ICC/IF: 1:50-1:200<br>IP: 1:20 |
| **Calculated MW** | 15 kDa |
| **Observed MW** | 17 kDa |
| **Host species** | Rabbit |
| **Clonality** | Polyclonal |

| | |
|---|---|
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |