

Phospho-Histone H2A (Thr120) Rabbit pAb

db3227

Package : 20µL 50µL 100µL

Product Name : Phospho-Histone H2A (Thr120) Rabbit pAb**Cat.No.:** db3227**Synonyms** : H2A.1; H2A.2; H2A/a; H2AFA**Application** : WB, IHC**Reactivity** : Human**Host species** : Rabbit**Background**

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 H2A 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 Thr120 of human Histone H2A

Gene ID

3012

Swiss Prot

P04908

Synonyms

H2A.1; H2A.2; H2A/a; H2AFA

Reactivity

Human

Application

WB, IHC

Recommended dilution

WB: 1:1000

IHC: 1:2000

Calculated MW

14 kDa

Observed MW

14 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.