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.