

CAB4599

Product Information

Product SKU:	CAB4599	Gene ID:	3015	Size:	20uL, 100uL
Clone No:	ARC1048	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat,Other (Wide Range Predicted)

Additional Information

Observed MW:	15kDa	Conjugate:	Unconjugated
Calculated MW:	13kDa	Isotype:	IgG

Immunogen Information

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 encodes a replication-independent member of the histone H2A family that is distinct from other members of the family. Studies in mice have shown that this particular histone is required for embryonic development and indicate that lack of functional histone H2A leads to embryonic lethality.
Recommended Dilution:	WB,1:1000 - 1:5000 ChIP,5µg antibody for 5µg-10µg of Chromatin
Synonyms:	H2AZ; H2A.z; H2A/z; H2AFZ; H2A.Z-1; .Z
Purification Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Histone H2A.Z (P0C0S5).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.