

ARG54759 anti-Histone H4 acetyl (Lys8) antibody

Package: 100 μl Store at: -20°C

Summary

| Product Description | Rabbit Polyclonal antibody recognizes Histone H4 acetyl (Lys8) |
|---------------------|--|
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | ChIP, ChIP-seq, ICC/IF, IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | Histone H4 |
| Species | Human |
| Immunogen | Synthetic acetylated peptide around Lys8 of Human histone H4 (NP_003539.1) |
| Conjugation | Un-conjugated |
| Alternate Names | H4/p; Histone H4 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|---|-----------------|
| | ChIP | 1:20 - 1:50 |
| | ChIP-seq | 1:20 - 1:50 |
| | ICC/IF | 1:50 - 1:200 |
| | IHC-P | 1:50 - 1:200 |
| | WB | 1:1000 - 1:3000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | 293T | |

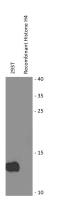
Properties

| Form | Liquid |
|---------------------|---|
| Purification | Affinity purification with immunogen. |
| Buffer | PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Bioinformation

| Database links | GenelD: 8370 Human |
|----------------|---|
| | Swiss-port # P62805 Human |
| Gene Symbol | HIST2H4A |
| Gene Full Name | histone cluster 2, H4a |
| 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 member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy. [provided by RefSeq, Jul 2008] |
| Research Area | Gene Regulation antibody |
| Calculated Mw | 11 kDa |

Images



ARG54759 anti-Histone H4 acetyl (Lys8) antibody WB image

Western blot: 293T cell lysate and Recombinant Histone H4 protein expressed in E. coli (negative control) stained with ARG54759 anti-Histone H4 acetyl (Lys8) antibody.