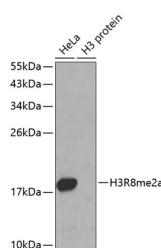


## Asymmetric DiMethyl-Histone H3-R8 Polyclonal Antibody

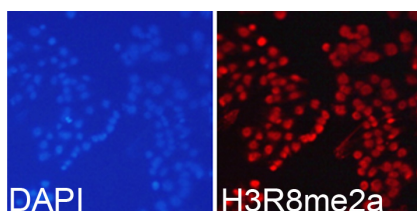
|                     |   |                   |        |
|---------------------|---|-------------------|--------|
| <b>Catalog No.</b>  | E-AB-67553                                  | <b>Reactivity</b> | H,M,R  |
| <b>Storage</b>      | Store at -20°C. Avoid freeze / thaw cycles. | <b>Host</b>       | Rabbit |
| <b>Applications</b> | WB,IF                                       | <b>Isotype</b>    | IgG    |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western blot analysis of extracts of various cell lines using Asymmetric DiMethyl-Histone H3-R8 Polyclonal Antibody.



Immunofluorescence analysis of 293T cells using Asymmetric DiMethyl-Histone H3-R8 Polyclonal Antibody

### Immunogen Information

|                  |   |
|------------------|---|
| <b>Immunogen</b> | A synthetic methylated peptide corresponding to residues surrounding R8 of human histone H3 |
| <b>GeneID</b>    | 8290  |
| <b>Swissprot</b> | Q16695  |
| <b>Synonyms</b>  | H3.4,H3/g,H3FT,H3t,HIST3H3,Histone H3,HIST1H3A  |

### Product Information

|                      |   |
|----------------------|---|
| <b>Calculated MW</b> | 15kDa   |
| <b>Observed MW</b>   | 17kDa   |
| <b>Buffer</b>        | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| <b>Purify</b>        | Affinity purification                             |
| <b>Dilution</b>      | WB 1:500-1:2000 IF 1:50-1:200                     |

### 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 H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is located separately from the other H3 genes that are in the histone gene cluster on chromosome 6p22-p21.3.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.