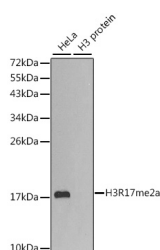


## Asymmetric DiMethyl-Histone H3-R17 Polyclonal Antibody

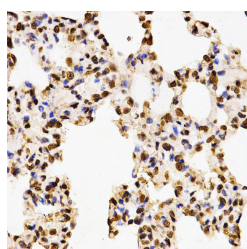
<b>Catalog No.</b>	E-AB-67461	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,IF	<b>Isotype</b>	IgG

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

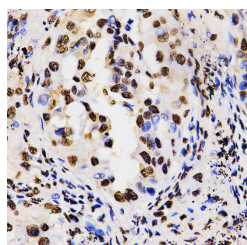
### Images



Western blot analysis of extracts of various cell lines using Asymmetric DiMethyl-Histone H3-R17 Polyclonal Antibody.



Immunohistochemistry of paraffin-embedded Rat lung using Asymmetric DiMethyl-Histone H3-R17 Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded Human lung cancer using Asymmetric DiMethyl-Histone H3-R17 Polyclonal Antibody at dilution of 1:200 (40x lens).

### Immunogen Information

<b>Immunogen</b>	A synthetic methylated peptide corresponding to residues surrounding Arg17 of human histone H3
<b>GeneID</b>	8356
<b>Swissprot</b>	P68431
<b>Synonyms</b>	HIST1H3J,H3/j,H3FJ

### 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 IHC 1:50-1:200 IF 1:50-1:200

### Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order 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 but instead contain a palindromic termination element. This gene is found in the small 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.