

# Asymmetric DiMethyl-Histone H4-R3 Rabbit Polyclonal Antibody

CAB7261



## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

14kDa

### Calculated MW:

11kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat, Other  
(Wide Range)

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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 replication-dependent histone that is 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.

## Immunogen information

### Gene ID:

8370

### Uniprot

P62805

### Synonyms:

FO108; H4; H4/n; H4F2; H4FN; HIST2H4; Histone H4; HIST1H4A;  
HIST2H4A

### Immunogen:

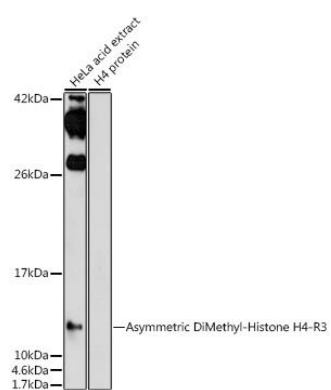
A synthetic peptide of human HIST2H4A

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot - Asymmetric DiMethyl-Histone H4-R3 Rabbit pAb (CAB7261)