

Symmetric DiMethyl-Histone H3-R26 Rabbit Polyclonal Antibody

CAB3153



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

17kDa

Calculated MW:

15kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat, Other
(Wide Range)

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 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. 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.

Immunogen information

Gene ID:

8356

Uniprot

P68431

Synonyms:

HIST1H3J; H3/j; H3FJ

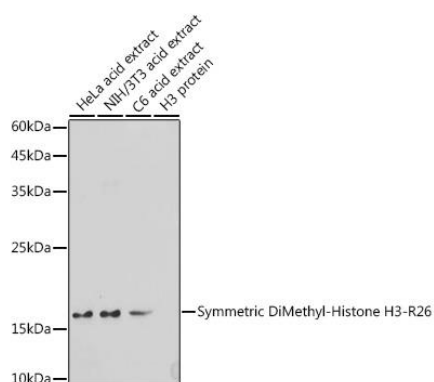
Immunogen:

A synthetic methylated peptide corresponding to residues surrounding Arg26 of human histone H3

Storage:

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

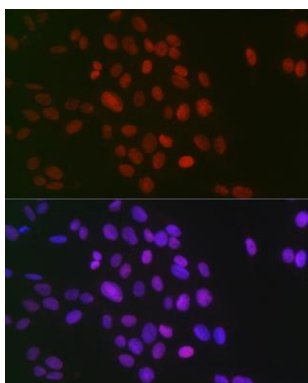
Product Images



Western blot analysis of extracts of various cell lines, using Symmetric DiMethyl-Histone H3-R26 antibody (CAB3153) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Dot-blot analysis of all sorts of methylation peptides using Symmetric DiMethyl-Histone H3-R26 antibody (CAB3153).



Immunofluorescence analysis of U-2 OS cells using Symmetric DiMethyl-Histone H3-R26 Rabbit pAb (CAB3153) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.