

# Histone H3 (Di Methyl Lys79) Rabbit Polyclonal Antibody

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Catalog # AP93615

## Product Information

|                   |                                      |
|-------------------|--------------------------------------|
| Application       | WB                                   |
| Primary Accession | <a href="#">P68431/Q71DI3/P84243</a> |
| Reactivity        | Human, Mouse, Rat                    |
| Clonality         | Polyclonal                           |

## Additional Information

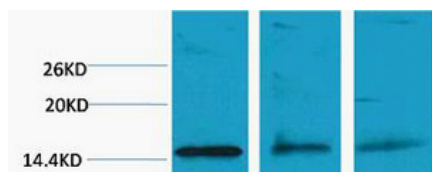
|                    |            |
|--------------------|------------|
| Dilution           | WB~~1:1000 |
| Storage Conditions | -20°C      |

## Protein Information

## 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 H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],

## Images



Western blot analysis of 1) HeLa, 2) 3T3, 3) Rat Liver Tissue, diluted at 1:1000. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.