

# Di/Tri-Methyl-Histone H3 (Lys36) Recombinant antibody

**Cat:**B36289S**Company:** HaoKebio**Uniprot ID:**P68431**Applications:** IHC:1:500-1:2000**Organism:**Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:**Human Mouse Rat

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 15 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 15 kDa

WB:1:2000-1:10000

**Background:**

Histones are small, highly basic proteins that consist of a globular domain with unstructured N- and C-terminal tails protruding from the main structure. Histone H3 is one of the five main histones 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. In addition to their role in DNA compartmentalization, histones also play crucial roles in various biologic processes, including gene expression and regulation, DNA repair, chromatin condensation, cell cycle progression, chromosome segregation, and apoptosis. The ability of histones to regulate chromatin dynamics primarily originates from various posttranslational modifications carried out by histone-modifying enzymes.

Liquid

**Storage Buffer:**

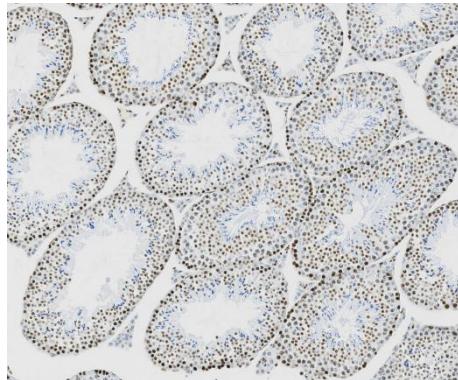
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**

Sample: Mouse testis, 4% PFA 12-24h

**Source of Reagents:**

发表[中文论文]请标注:Di/Tri-Methyl-Histone H3 (Lys36)(B36289S)由杭州浩克生物技术有限公司提供;  
发表[英文论文]请标注:Di/Tri-Methyl-Histone H3 (Lys36)(B36289S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

**Synonyms:**

dmk36, H3, H3 di(trimethyl-lys36, H3 Me Lys36, H3 MeK36

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Nucleus

**Purity:**

Affinity purification

**Form:**