

## DIMETHYL-HISTONE H3 (LYS4) RABBIT PAB

**Cat.#:** N225565

**Product Name:** Anti-DiMethyl-Histone H3 (Lys4) Rabbit pAb

**Synonyms:** H3K4me2; H3 histone; HIST1H3A; Histone cluster 1; H3a

**UNIPROT ID:** P68431

**Background:** H3 Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

**Immunogen:** A synthesized peptide derived from human Methyl-Histone H3 (di K4)

**Applications:** WB,IHC-P,ICC/IF,IP,FC,ChIP

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 FC: 1/50-1/100 ChIP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 15 kDa; Observed MW: 15 kDa

**Isotype:** IgG

**Purification:** Affinity Chromatography

**Species Reactivity:** Human,Mouse,Rat

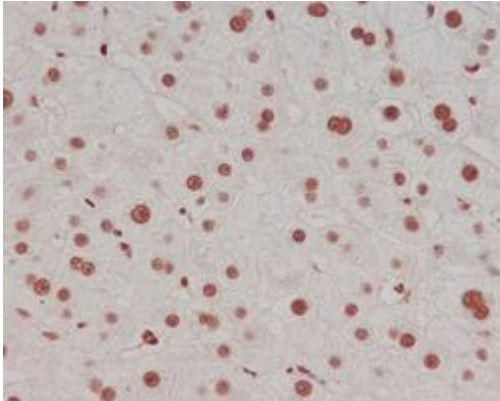
**Conjugation:** Unconjugated

**Modification:** Methylated

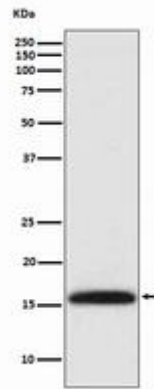
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human liver using MethylHistone H3 (di K4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of MethylHistone H3 (di K4) in HeLa lysates using DiMethyl-Histone H3 (Lys4) antibody.