

Histone H3(Di Methyl Lys4) Rabbit Polyclonal Antibody

Catalog	TDY289C	TDY289F
Quantity	50 μ L	100 μ L

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Free: 400-0620-621
Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, R, M	15-17KD	IgG

Storage Buffer & Condition: Antigen Affinity Purified Rabbit IgG, 1mg/ml in PBS pH7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.

Store at **-20°C**. **Do not aliquot the antibody.**

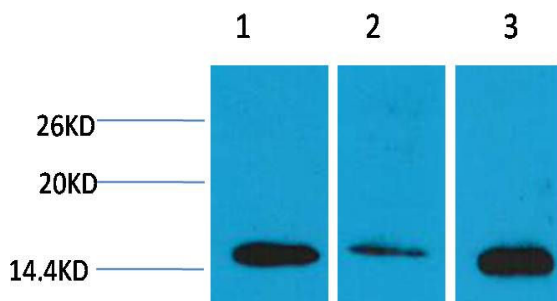
Recommended dilutions: WB: 1:1,000-2,000 IHC: 1:200-500

Optimal dilutions should be determined by the end user.

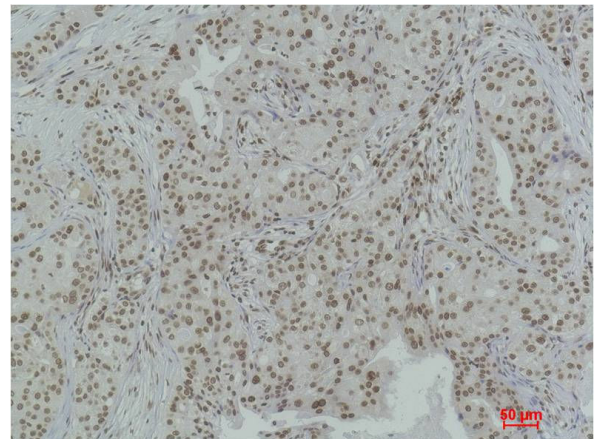
Specificity: The Histone H3(Di Methyl Lys4) Rabbit Polyclonal Antibody can detect endogenous Histone H3 (Di Methyl Lys4) protein.

Alternative Names: H3 histone antibody, HIST1H3A antibody, Histone cluster 1, H3a antibody

Background: Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. 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.



Western blot analysis of 1) Hela, 2) 3T3, 3) Raw264.7, with Histone H3 (Di Methyl Lys4) Rabbit pAb TDY289 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using Histone H3 (Di Methyl Lys4) (TDY289) Rabbit pAb diluted at 1:500.