

Histone H3(Tri-Methyl-Lys4) Rabbit Polyclonal Antibody

Catalog No: #HW069

Package Size: #HW069-1 50ul #HW069-2 100ul

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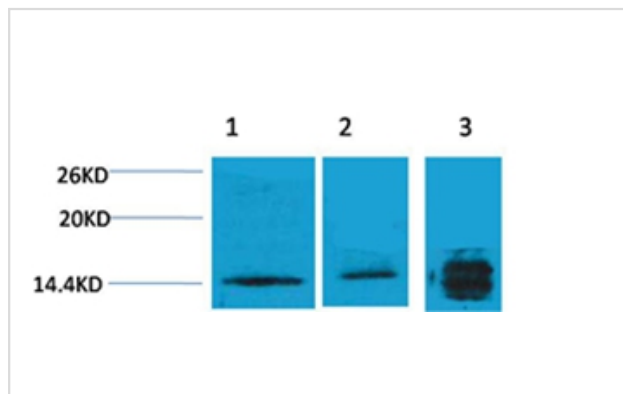
Description

Product Name	Histone H3(Tri-Methyl-Lys4) Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity purification using immunogen.
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	The Histone H3(Tri-methyl-Lys4) Rabbit Polyclonal Antibody detects endogenous Histone H3 (Tri-methyl-Lys4) protein.
Immunogen Type	peptide
Immunogen Description	A synthetic Tri-methylated peptide corresponding to residues surrounding Lys4 of human histone H3.
Conjugates	Unconjugated
Target Name	Histone H3(Tri-Methyl-Lys4)
Modification	Methyl
Other Names	H3 histone antibody; HIST1H3A antibody; Histone cluster 1; H3a antibody
Accession No.	Swiss-Prot#:P68431
SDS-PAGE MW	17kd
Concentration	1.0mg/ml
Formulation	Purified Rabbit IgG, 1mg/ml in PBS pH7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of 1) HeLa, 2)3T3 , 3) Raw264.7, using #HW069 diluted at 1:2,000.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.