

Anti-Mono-methyl-Histone H4 (Arg17) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat,Arabidopsis,Rice,African Green Monkey
Molecular Weight:	Theoretical: 11 kDa.
Purification:	Antigen affinity purification

Applications

	<p>1. Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1: 2000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Rabbit IgG H&L (HRP) Lysate: Rice, Arabidopsis Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 11 kDa Observed MW: 11 kDa</p>
	<p>2. Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1: 2000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)</p>
Verified Activity:	<p>Lysate: Mouse liver, Mouse spleen Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 11 kDa Observed MW: 11 kDa</p>
	<p>3. Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1: 2000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Rabbit IgG H&L (HRP) Lysate: HeLa, BRL, N2a, COS-7 Protein loading quantity: 20 µg Exposure time: 60 s Predicted MW: 11 kDa Observed MW: 11 kDa</p>
Application:	WB,ChIP
Recommended	WB: 1:500-2000; ChIP: 6µg/5x106 cells

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Gene ID: 8359

Research Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone 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 member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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