Anti-Mono/Di/TriMethyl-Histone H3 (Lys79) Rabbit Monoclonal Antibody

Introduction

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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Product parameters

Alternative Names	-
Gene ID	-
Gene Name	-
SwissProt ID	P68431
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 17 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Mono/Di/TriMethyated
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-11C9G2
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Peptide
Purification	Affinity Purified
Buffer System	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Application	WB, IHC-F, IHC-P
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody

Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol

Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.

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