Data Sheet (Cat.No.TMAB-11792)

Anti-Propionyl-Histone H4 (Lys8) Antibody (2K768)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat)
Clone:	2K768
Purification:	Antigen affinity purification

Applications

Verified Activity:	1. Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:1000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Mouse IgG H&L (HRP) Lysate: (-) HeLa, (+) HeLa+Sodium butyrate (30 mM, 4 h) +Trichostatin A (500 ng/ml, 4 h) Protein loading quantity: 20 μg Exposure time: 60 s Predicted MW: 11 kDa Observed MW: 11 kDa 2. Blocking buffer: 5% NFDM/TBST Primary ab dilution: 1:1000 Primary ab incubation condition: 2 hours at room temperature Secondary ab: Goat Anti-Mouse IgG H&L (HRP) Lysate: (-) C2C12, (+) C2C12+Sodium butyrate (30 mM, 4 h) Protein loading quantity: 20 μg Exposure time: 60 s Predicted MW: 11 kDa Observed MW: 11 kDa
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-1000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

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]

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481