

Histone H3 (Acetyl Lys4) rabbit pAb

Cat No.: ES20521

For research use only

Overview

Produc Histone H3 (Acetyl Lys4) rabbit pAb

t Name

Host Rabbit

species

Applica WB

tions

Species Human; Mouse; Rat

Cross-R eactivit

У

Recom WB: 1:500-1000

mende

d

dilution

S

Immun Synthetic Peptide of Histone H3 (Acetyl Lys4)

ogen

Specific The antibody detects endogenous Histone H3 (Acetyl Lys4) protein.

ity

Formul Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

ation

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Histone H3.1/Histone H3.2/Histone H3.3

Name

 Gene
 HIST1H3A/HIST1H3B/HIST1H3C/HIST1H3D/HIST1H3E/HIST1H3F/HIST1H3G

 Name
 /HIST1H3H/HIST1H3I/HIST1H3J/HIST2H3A/HIST2H3C/HIST2H3D/H3F3A/H

3F3B

Cellular Nucleus. Chromosome.

localiza

tion

Purifica The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Clonalit Polyclonal



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Concen tration

Observ 15-17kD

ed

band

Human 8350/8351/8352/8353/8354/8355/8356/8357/8358/8968

Gene

ID

Human P68431/Q71DI3/P84243

Swiss-P

rot

Numbe

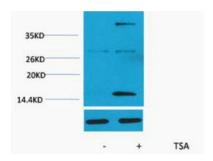
Alterna

tive Names HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1; Histone H3/a; Histone

H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/

Backgr ound

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],



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Western blot analysis of extracts from Hela cells, untreated (-) or treated, 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



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