BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Histone H4 (Tri Methyl Lys59) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04113
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of Histone H4 (Tri Methyl Lys59)
Mol wt	11367
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Histone H4 (Tri Methyl Lys59) Antibody
Synonyms	HIST1H4A; H4/A; H4FA; HIST1H4B; H4/I; H4FI; HIST1H4C; H4/G; H4FG; HIST1H4D; H4/B; H4FB; HIST1H4E; H4/J; H4FJ; HIST1H4F; H4/C; H4FC; HIST1H4H; H4/H; H4FH; HIST1H4I; H4/M; H4FM; HIST1H4J; H4/E; H4FE; HI

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

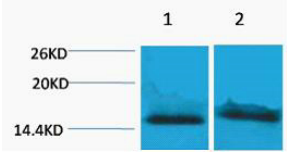
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. HIST4H4 is intronless and encodes a replication-dependent histone that is a member of the histone H4 family. Transcripts from HIST4H4 lack polyA tails; instead, they contain a palindromic termination element.

Recommended Dilution

WB: 1: 500 - 1000

Not yet tested in other applications.

Images



Western blot analysis of 1) Hela, 2) 3T3, diluted at 1:2000. Secondary antibody was diluted at 1:20000 cells nucleus.

Storage

-20°C for one year

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