BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Histone H3 (Mono Methyl Lys80) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04069
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human Histone H3 around the mono-methylation site of K80.
Mol wt	15404/15388/15328/15214
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Histone H3 (Mono Methyl Lys80) Antibody
Synonyms	HIST1H3A; H3FA; HIST1H3B; H3FL; HIST1H3C; H3FC; HIST1H3D; H3FB; HIST1H3E; H3FD; HIST1H3F; H3FI; HIST1H3G; H3FH; HIST1H3H; H3FK; HIST1H3I; H3FF; HIST1H3J; H3FJ; Histone H3.1;Histone H3.1; Histone H3.2;

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. 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. HIST1H3A is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from HIST1H3A lack polyA tails; instead, they contain a palindromic termination element. HIST1H3A is found in the large histone gene cluster on chromosome 6p22-p21.3.

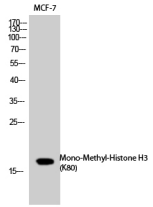
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of MCF-7 cells using Mono-Methyl-Histone H3 (K80) Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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