Recombinant Histone H3 Monoclonal Antibody

catalog number: **AN300856L**

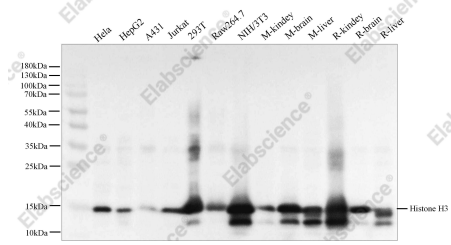
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Histone H3 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110480
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:5000-1:20000
WB	1:5000-1:20000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200
CHIP	1:50-1:100
Cut&Tag	1:50-1:100

Data



Western blot analysis of HeLa,HepG2,A431,Jurkat, 293T,RAW 264.7,NIH/3T3,Mouse kindey,Mouse brain,Mouse liver,Rat kindey,Rat brain and Rat liver cell lysates using Histone H3 Antibody (AN300856L) at a dilution of 1:7500.

Observed-MW:15 kDa

Calculated-MW:15 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

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.

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