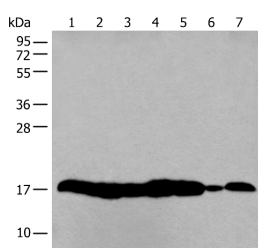


HIST1H3A Polyclonal Antibody

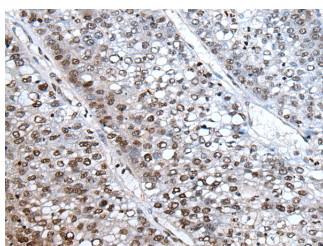
Catalog No.	E-AB-53536	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

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

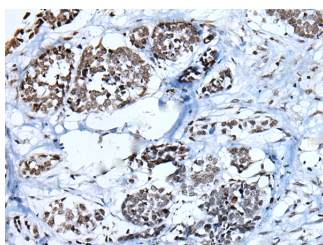
Images



Western blot analysis of 293T and NIH/3T3 cell Mouse liver tissue HUVEC cell lysates using HIST1H3A Polyclonal Antibody at dilution of 1:250



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using HIST1H3A Polyclonal Antibody at dilution of 1:30(x200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using HIST1H3A Polyclonal Antibody at dilution of 1:30(x200)

Immunogen Information

Immunogen	Synthetic peptide of human HIST1H3A
Gene Accession	NP003520
Swissprot	P68431
Synonyms	,HIST1H3B,HIST1H3C,HIST1H3D,HIST1H3E,HIST1H3F,HIST1H3G,HIST1H3H,HIST1H3I,HIST1H3J

Product Information

Calculated MW	15 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:25-1:100, ELISA 1:5000-1:10000

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. 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.

For Research Use Only

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 If you would like to learn more about antibodies, please visit www.elabscience.com.

Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.

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