Anti-HIST1H2AH antibody

Cat. No.	ml222480
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-HIST1H2AH rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human HIST1H2AH
Reactivity	Human, Mouse
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	HIST1H2AH
Full name	histone cluster 1, H2ah

Synonyms	H2AH; H2A/S; H2AFALii; dJ86C11.1
Swissprot	Q96KK5

Target Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the histone microcluster on chromosome 6p21.33.

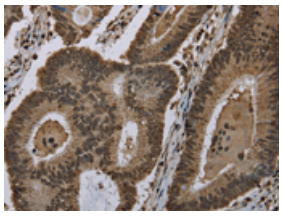
Applications

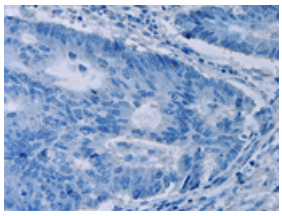
Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human colon cancer

Recommended dilution: 50-200



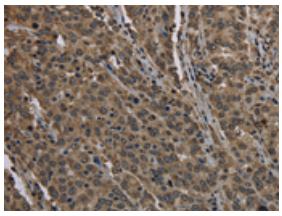


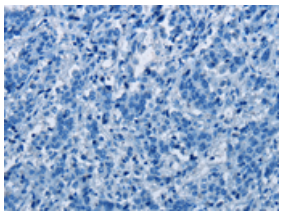
The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml222480(HIST1H2AH Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Nucleus

Positive control: Human liver cancer

Recommended dilution: 50-200





The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml222480(HIST1H2AH Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size:14 kDa

Positive control:Mouse liver tissue, HepG2, 293T, Hela, Raji, A375 and K562 cells

Recommended dilution: 500-2000

Gel: 10%SDS-PAGE

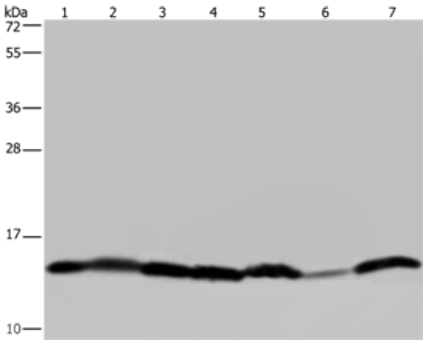
Lysate: 40 μg

Lane 1-7: Mouse liver tissue, HepG2 cells, 293T cells, Hela cells, Raji cells, A375 cells, K562 cells

Primary antibody: ml222480(HIST1H2AH Antibody) at dilution 1/450

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 2000-5000

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