

## Anti-HIST1H1T antibody

<b>Cat. No.</b>	ml123734
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-HIST1H1T rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Full length fusion protein
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	HIST1H1T
<b>Full name</b>	histone cluster 1, H1t
<b>Synonyms</b>	H1t; H1.6; H1FT; dJ221C16.2
<b>Swissprot</b>	P22492

### Target Background

Histones are basic nuclear proteins responsible for 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 replication-dependent histone that is a member of the histone H1 family.

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**Applications**

**Western blotting**

Predicted band size:22 kDa

Positive control:Mouse lung tissue

Recommended dilution: 500-2000

Gel: 12%SDS-PAGE

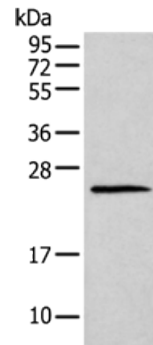
Lysate: 40 µg

Lane: Mouse lung tissue

Primary antibody: ml123734(HIST1H1T Antibody) at dilution 1/400

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

Exposure time: 1 minute



**ELISA**

Recommended dilution:5000-10000

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