

## Anti-HIST1H2BN antibody

<b>Cat. No.</b>	ml125603
<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-HIST1H2BN rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human HIST1H2BN
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.66 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>	HIST1H2BN
<b>Full name</b>	histone cluster 1 H2B family member n
<b>Synonyms</b>	H2B/d; H2BFD
<b>Swissprot</b>	Q99877

### 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 replication-dependent histone that is a member of the histone H2B family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3.

订购热线: 4008-898-798

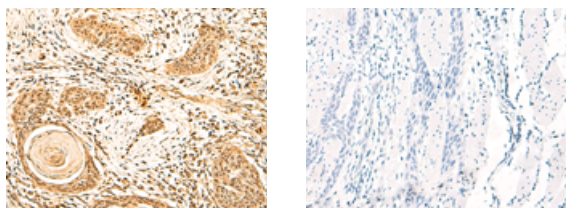
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml125603(HIST1H2BN Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 14 kDa

Positive control: TM4, K562, 293T and Jurkat cell lysates

Recommended dilution: 200-1000

Gel: 12%SDS-PAGE

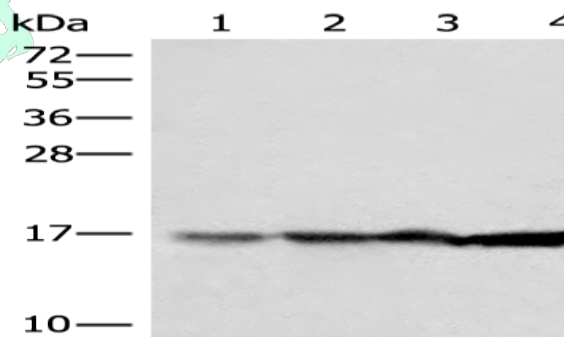
Lysate: 40  $\mu$ g

Lane 1-4: TM4, K562, 293T and Jurkat cell lysates

Primary antibody: ml125603(HIST1H2BN Antibody) at dilution 1/250

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

Exposure time: 20 seconds



### ELISA

Recommended dilution: 5000-10000

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