

## Anti-HMGB3 antibody

<b>Cat. No.</b>	ml260490
<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-HMGB3 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human HMGB3
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.5 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>	HMGB3
<b>Full name</b>	high mobility group box 3

**Synonyms** HMG4, HMG-4, HMG2A, HMG-2a

**Swissprot** O15347

#### **Target Background**

High-mobility group protein B3 is a protein that in humans is encoded by the HMGB3 gene. HMGB3 belongs to the high mobility group (HMG) protein superfamily. Like HMG1 and HMG2, HMGB3 contains DNA-binding HMG box domains and is classified into the HMG box subfamily. Members of the HMG box subfamily are thought to play a fundamental role in DNA replication, nucleosome assembly and transcription.

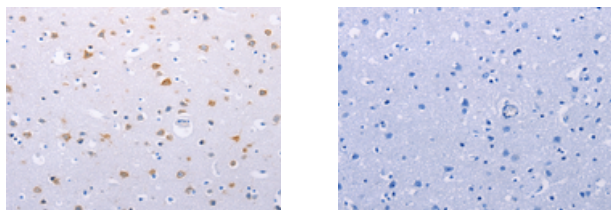
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human brain

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml260490(HMGB3 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 23 kDa

Positive control: Mouse lung and brain tissue

Recommended dilution: 500-2000

Gel: 10%SDS-PAGE

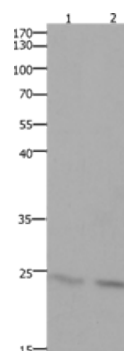
Lysate: 30  $\mu$ g

Lane 1-2: Mouse lung tissue, Mouse brain tissue

Primary antibody: ml260490(HMGB3 Antibody) at dilution 1/700

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

Exposure time: 1.5 minutes



## ELISA

Recommended dilution: 1000-5000

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