

**Anti-HMGB4 Antibody**  
**Catalog # ABO10529****Specification**

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**Anti-HMGB4 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q8WW32</a>
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for High mobility group protein B4(HMGB4) detection. Tested with WB in Human;Mouse;Rat.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-HMGB4 Antibody - Additional Information**

**Gene ID** 127540

**Other Names**

High mobility group protein B4, HMGB4

**Calculated MW**

22490 MW KDa

**Application Details**

Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse<br>

**Subcellular Localization**

Nucleus . Chromosome .

**Protein Name**

High mobility group protein B4

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Thimerosal, 0.05mg NaN<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the N-terminus of human HMGB4(24-41aa RNKFKEQQPNTYVGFKF), different from the related mouse and rat sequences by one amino acid.

**Purification**

Immunogen affinity purified.

**Cross Reactivity**

No cross reactivity with other proteins

## Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

## Sequence Similarities

Belongs to the HMGB family.

## Anti-HMGB4 Antibody - Protein Information

**Name** HMGB4

### Cellular Location

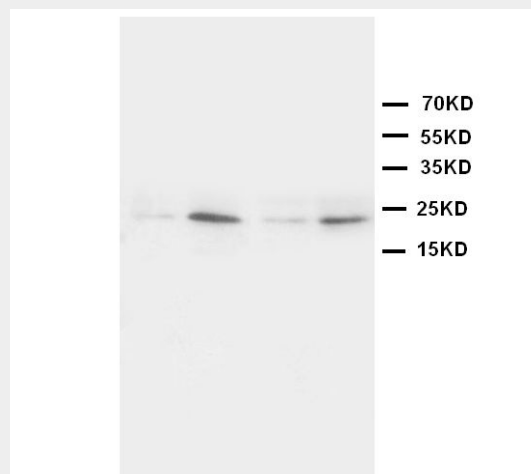
Nucleus {ECO:0000250|UniProtKB:Q6P8W9}. Chromosome {ECO:0000250|UniProtKB:Q6P8W9}.  
Note=Interacts specifically with the sex chromosomes. {ECO:0000250|UniProtKB:Q6P8W9}

## Anti-HMGB4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-HMGB4 Antibody - Images



Anti-HMGB4 antibody, ABO10529, Western blotting  
Lane 1: Rat Brain Tissue Lysate  
Lane 2: Rat Testis Tissue Lysate  
Lane 3: JURKAT Cell Lysate  
Lane 4: HT1080 Cell Lysate

## Anti-HMGB4 Antibody - Background

HMGB4 is HMG2 like, isoform 2, high-mobility group box 4. This gene can be found on Chromosome

1. HMGB4 contains two HMG-box regions, which is found in a variety of eukaryotic chromosomal proteins and transcription. HMGB proteins are phosphorylated to various extents reveals that the existence of differentially modified forms increases the number of distinct HMGB protein variants in plant chromatin that may be adapted to certain functions.