

# HMGB3 Rabbit pAb

Catalog No.: A15064 **2 Publications**

## Basic Information

### Observed MW

25kDa

### Calculated MW

23kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Rat

## Background

This gene encodes a member of a family of proteins containing one or more high mobility group DNA-binding motifs. The encoded protein plays an important role in maintaining stem cell populations, and may be aberrantly expressed in tumor cells. A mutation in this gene was associated with microphthalmia, syndromic 13. There are numerous pseudogenes of this gene on multiple chromosomes. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

WB 1:1000 - 1:5000

## Immunogen Information

### Gene ID

3149

### Swiss Prot

O15347

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human HMGB3 (NP\_005333.2).

### Synonyms

HMG4; HMG-4; HMG2A; HMG-2a; HMGB3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

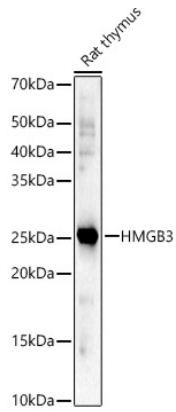
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of Rat thymus, using HMGB3 antibody (A15064) at 1:2000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 20s.