

Datasheet for ABIN7453713  
**anti-HMGB3 antibody (AA 125-175)**



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## Overview

|                      |                                                                                                                              |
|----------------------|------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 20 µg                                                                                                                        |
| Target:              | HMGB3                                                                                                                        |
| Binding Specificity: | AA 125-175                                                                                                                   |
| Reactivity:          | Human, Mouse                                                                                                                 |
| Host:                | Rabbit                                                                                                                       |
| Clonality:           | Polyclonal                                                                                                                   |
| Conjugate:           | This HMGB3 antibody is un-conjugated                                                                                         |
| Application:         | Western Blotting (WB), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)), Immunoprecipitation (IP) |

## Product Details

|               |                                               |
|---------------|-----------------------------------------------|
| Purpose:      | Rabbit anti-HMG2a Antibody, Affinity Purified |
| Immunogen:    | between AA 125 and 175                        |
| Isotype:      | IgG                                           |
| Purification: | Affinity Purified                             |

## Target Details

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| Target:           | HMGB3                                                                                      |
| Alternative Name: | HMG2a ( <a href="#">HMGB3 Products</a> )                                                   |
| Background:       | Background: High mobility group protein 2a (HMG2a) is a member of the Hmg-box subfamily of |

## Target Details

proteins that possesses a DNA-binding HmG-box domain. The HMG2a gene is X-linked and its expression is localized to the bone marrow and is a marker for hematopoietic stem cells (HSCs). HMG2a plays a role in cell-fate decisions of HSCs and functions by altering DNA structure to facilitate transcription factor binding.

Gene ID: 3149

NCBI Accession: [NP\\_005333](#)

UniProt: [O15347](#)

## Application Details

Application Notes: IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.  
IP: 2 - 5 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months