

Datasheet for ABIN952762

**anti-HMGB3 antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 0.4 mL                                          |
| Target:              | HMGB3                                           |
| Binding Specificity: | AA 49-79, Middle Region                         |
| Reactivity:          | Human                                           |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This HMGB3 antibody is un-conjugated            |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|               |                                                                                                   |
|---------------|---------------------------------------------------------------------------------------------------|
| Immunogen:    | KLH conjugated synthetic peptide between 49-79 amino acids from the Central region of human HMGB3 |
| Isotype:      | Ig Fraction                                                                                       |
| Specificity:  | This antibody recognizes Human HMGB3 (Center).                                                    |
| Purification: | Protein A column, followed by peptide affinity purification                                       |

## Target Details

|                   |                                                                                    |
|-------------------|------------------------------------------------------------------------------------|
| Target:           | HMGB3                                                                              |
| Alternative Name: | HMGB3 ( <a href="#">HMGB3 Products</a> )                                           |
| Background:       | HMGB3 belongs to the high mobility group (HMG) protein superfamily. Like HMG1 (MIM |

## Target Details

163905) and HMG2 (MIM 163906), 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 (Wilke et al., 1997 [PubMed 9370291], Nemeth et al., 2006 [PubMed 16945912]).Synonyms: HMG-2a, HMG-4, HMG2A, HMG4, HMGB-3, High mobility group protein 2a, High mobility group protein 4, High mobility group protein B3

Molecular Weight: 22980 Da

Gene ID: 3149

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

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

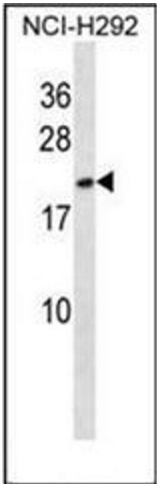
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** Western blot analysis of HMGB3 Antibody (Center) in NCI-H292 cell line lysates (35ug/lane). This demonstrates the HMGB3 antibody detected the HMGB3 protein (arrow).