

Datasheet for ABIN3031202  
**anti-HMGB2 antibody (AA 92-118)**



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2 Images

## Overview

Quantity:	0.4 mL
Target:	HMGB2
Binding Specificity:	AA 92-118
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	A portion of amino acids 92-118 from the human protein was used as the immunogen for this HMGB2 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat, Bovine, Pig
Purification:	Purified

## Target Details

Target:	HMGB2
Alternative Name:	HMGB2 ( <a href="#">HMGB2 Products</a> )
Background:	HMGB2 is a member of the non-histone chromosomal high mobility group protein family. The

## Target Details

proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination.

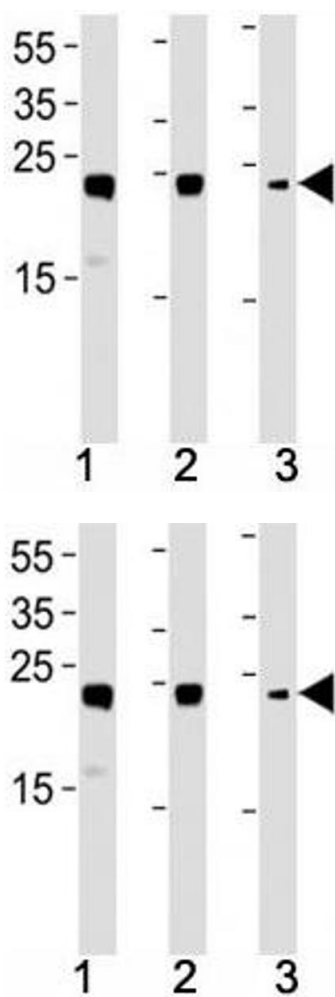
UniProt:	<a href="#">P26583</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a>

## Application Details

Application Notes:	Titration of the HMGB2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 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:	-20 °C
Storage Comment:	Aliquot the HMGB2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

**Image 1.** HMGB2 antibody western blot analysis in (1) HL-60, (2) K562, (3) H-4-II-E lysate.

Western Blotting

**Image 2.** HMGB2 antibody western blot analysis in (1) HL-60, (2) K562, (3) H-4-II-E lysate.