

Datasheet for ABIN359382

anti-HMGB2 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	HMGB2
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the Center region of human HMGB2.
Isotype:	Ig Fraction
Specificity:	This antibody detects HMGB2 at center.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	HMGB2
Alternative Name:	HMGB2 / HMG2 (HMGB2 Products)
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. Synonyms: High mobility group protein 2, High mobility group protein B2

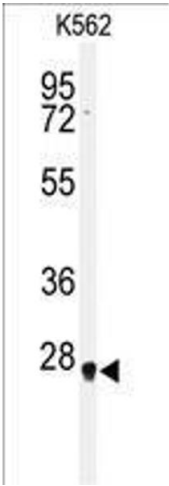
Gene ID:	3148, 9606
UniProt:	P26583
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	ELISA 1: 1,000. Western blotting 1: 50 - 1: 100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of HMGB2 antibody (Center) in K562 cell line lysates (35 µg/lane). HMGB2 (arrow) was detected using the purified Pab.