

Datasheet for ABIN1538426  
**anti-HMGB4 antibody (AA 45-73)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	HMGB4
Binding Specificity:	AA 45-73
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This HMGB4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-73 amino acids from the Central region of human HMGB4.
Clone:	RB37932
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	HMGB4
Alternative Name:	HMGB4 ( <a href="#">HMGB4 Products</a> )

## Target Details

**Background:** High Mobility Group (HMG) proteins, a group of chromosomal proteins common to all eukaryotes, bind DNA in a non-sequence-specific fashion to promote chromatin function and gene regulation, helping with transcription, replication, recombination, and DNA repair. HMGB4 is HMG2-like, isoform 2, high-mobility group box 4. This gene can be found on Chromosome 1. HMGB4 contains two HMG-box regions, and is found in a variety of eukaryotic chromosomal proteins. HMGB proteins are phosphorylated to various extents. The existence of differentially modified forms increases the number of distinct HMGB protein variants in plant chromatin that may be adapted to certain functions.

**Molecular Weight:** 22490

**Gene ID:** 127540

**NCBI Accession:** [NP\\_660206](#)

**UniProt:** [Q8WW32](#)

## Application Details

**Application Notes:** WB: 1:1000

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

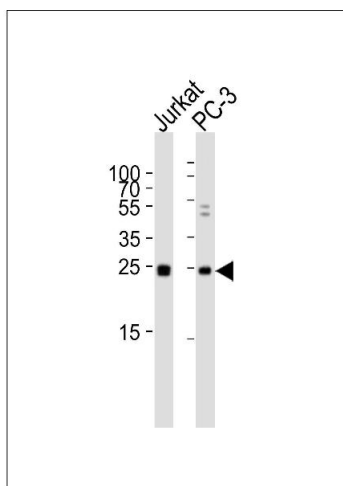
**Preservative:** Sodium azide

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

**Storage:** 4 °C, -20 °C

**Storage Comment:** HMGB4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

**Expiry Date:** 6 months



### Western Blotting

**Image 1.** Western blot analysis of lysates from Jurkat, PC-3 cell line (from left to right), using HMGB4 Antibody (Center) (ABIN1538426 and ABIN2849304). (ABIN1538426 and ABIN2849304) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.