

Datasheet for ABIN3031203
anti-HMGB4 antibody (AA 45-73)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	HMGB4
Binding Specificity:	AA 45-73
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGB4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 45-73 from the human protein was used as the immunogen for this HMGB4 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine
Purification:	Antigen affinity purified

Target Details

Target:	HMGB4
Alternative Name:	HMGB4 (HMGB4 Products)
Background:	High Mobility Group (HMG) proteins, a group of chromosomal proteins common to all

Target Details

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.

UniProt: [Q8WW32](#)

Application Details

Application Notes: Titration of the HMGB4 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

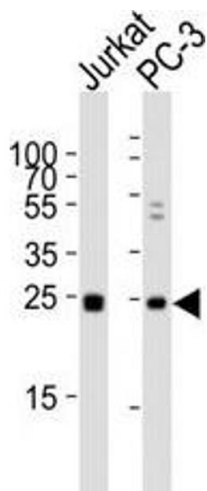
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

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

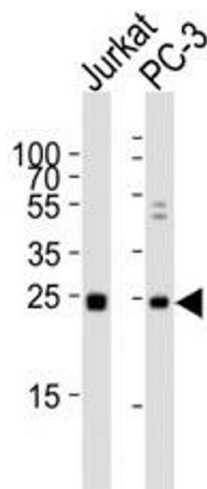
Storage: -20 °C

Storage Comment: Aliquot the HMGB4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Western blot analysis of lysate from human Jurkat and rat PC-3 lysate using HMGB4 antibody diluted at 1:1000.



Western Blotting

Image 2. Western blot analysis of lysate from human Jurkat and rat PC-3 lysate using HMGB4 antibody diluted at 1:1000.