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HMGB4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17732c

Specification

HMGB4 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q8WW32
Other Accession	Q32L34
Reactivity	**Human**
Predicted	**Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**22490**
Antigen Region	**45-73**

HMGB4 Antibody (Center) - Additional Information

Gene ID 127540

Other Names
High mobility group protein B4, HMGB4

Target/Specificity
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.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
HMGB4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

HMGB4 Antibody (Center) - Protein Information

Name HMGB4

Cellular Location

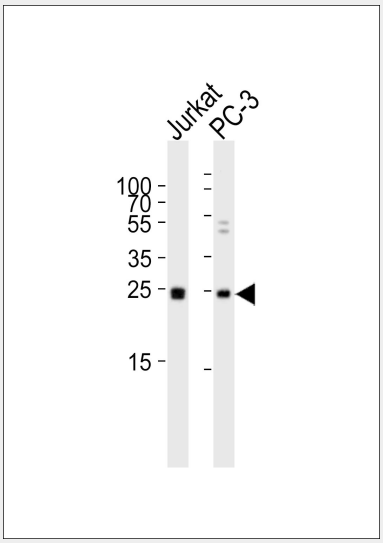
Nucleus {ECO:0000250|UniProtKB:Q6P8W9}. Chromosome {ECO:0000250|UniProtKB:Q6P8W9}. Note=Interacts specifically with the sex chromosomes. {ECO:0000250|UniProtKB:Q6P8W9}

HMGB4 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HMGB4 Antibody (Center) - Images



Western blot analysis of lysates from Jurkat, PC-3 cell line (from left to right), using HMGB4 Antibody (Center)(Cat. #AP17732c). AP17732c 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 20ug per lane.

HMGB4 Antibody (Center) - 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.