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HMGB4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17732c

Product Information

Application	WB, E
Primary Accession	Q8WW32
Other Accession	Q32L34
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37932
Calculated MW	22490
Antigen Region	45-73

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 E~~Use at an assay dependent concentration.
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.

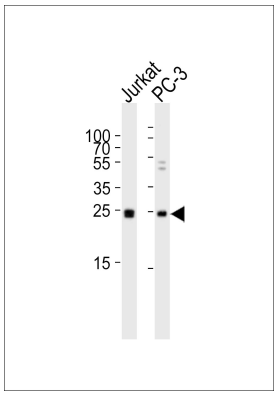
Protein Information

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}

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.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.