

Anti-HMGB4 Antibody

Catalog # ABO10529

Product Information

Application	WB
Primary Accession	Q8WW32
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for High mobility group protein B4(HMGB4) detection. Tested with WB in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	127540
Other Names	High mobility group protein B4, HMGB4
Calculated MW	22490
Application Details	Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse
Subcellular Localization	Nucleus . Chromosome .
Source	Eukaryota
Protein Name	High mobility group protein B4
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HMGB4(24-41aa RNKFKEQQPNTYVGFKEF), different from the related mouse and rat sequences by one amino acid.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the HMGB family.

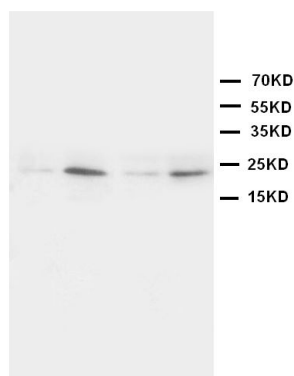
Protein Information

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

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, which is found in a variety of eukaryotic chromosomal proteins and transcription. HMGB proteins are phosphorylated to various extents reveals that 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



Anti-HMGB4 antibody, ABO10529, Western blotting
Lane 1: Rat Brain Tissue Lysate
Lane 2: Rat Testis Tissue Lysate
Lane 3: JURKAT Cell Lysate
Lane 4: HT1080 Cell Lysate

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