

Product datasheet for TA343492

HMG14 (HMGN1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for anti-HMGN1 antibody: synthetic peptide directed towards the middle

region of human HMGN1. Synthetic peptide located within the following region:

QTKGKRGAKGKQAEVANQETKEDLPAENGETKTEESPASDEAGEKEAKSD

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Purification: Affinity Purified
Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 11 kDa

Gene Name: high mobility group nucleosome binding domain 1

Database Link: NP 004956

Entrez Gene 3150 Human

P05114



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Background:

Chromosomal protein HMG14 (HMGN1) and its close analog HMG17 (MIM 163910) bind to the inner side of the nucleosomal DNA, potentially altering the interaction between the DNA and the histone octamer. The 2 proteins may be involved in the process that maintains transcribable genes in a unique chromatin conformation. Their ubiquitous distribution and relative abundance, as well as the high evolutionary conservation of the DNA-binding domain of the HMG14 family of proteins, suggest that they may be involved in an important cellular function. Chromosomal protein HMG14 and its close analog HMG17 (MIM 163910) bind to the inner side of the nucleosomal DNA, potentially altering the interaction between the DNA and the histone octamer. The 2 proteins may be involved in the process that maintains transcribable genes in a unique chromatin conformation. Their ubiquitous distribution and relative abundance, as well as the high evolutionary conservation of the DNA-binding domain of the HMG14 family of proteins, suggest that they may be involved in an important cellular function. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

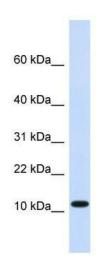
Synonyms: HMG14

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Bovine:

93%; Rabbit: 93%; Guinea pig: 92%; Rat: 79%; Mouse: 79%

Protein Families: Transcription Factors

Product images:



WB Suggested Anti-HMGN1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive

Control: Human heart