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HMGN5 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17358a

Product Information

Application	WB, E
Primary Accession	P82970
Other Accession	NP_110390.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37531
Calculated MW	31525
Antigen Region	60-86

Additional Information

Gene ID	79366
Other Names	High mobility group nucleosome-binding domain-containing protein 5, Nucleosome-binding protein 1, HMGN5, NSBP1
Target/Specificity	This HMGN5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-86 amino acids from the N-terminal region of human HMGN5.
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	HMGN5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HMGN5
Synonyms	NSBP1
Function	Preferentially binds to euchromatin and modulates cellular transcription by

	counteracting linker histone-mediated chromatin compaction.
Cellular Location	Nucleus. Note=Associates with nucleosomes in euchromatin and is largely excluded from constitutive heterochromatin.
Tissue Location	Ubiquitously expressed.

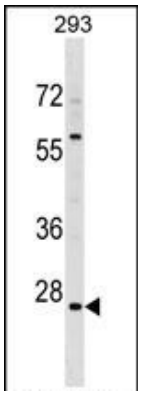
Background

This gene encodes a nuclear protein with similarities to the high mobility group proteins, HMG14 and HMG17, which suggests that this protein may function as a nucleosomal binding and transcriptional activating protein.

References

Rochman, M., et al. Biochim. Biophys. Acta 1799 (1-2), 86-92 (2010) :
Rochman, M., et al. Mol. Cell 35(5):642-656(2009)
Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)
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Images



HMGN5 Antibody (N-term) (Cat. #AP17358a) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the HMGN5 antibody detected the HMGN5 protein (arrow).

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