

HMGN5 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17358a**Specification**

HMGN5 Antibody (N-term) - Product Information

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

HMGN5 Antibody (N-term) - 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.

HMGN5 Antibody (N-term) - 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.

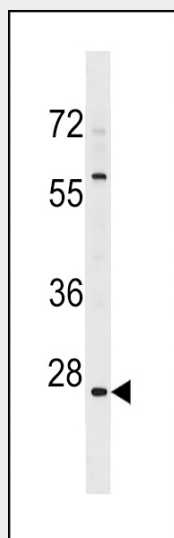
Tissue Location

Ubiquitously expressed.

HMGN5 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HMGN5 Antibody (N-term) - 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).

HMGN5 Antibody (N-term) - 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.

HMGN5 Antibody (N-term) - 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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