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HMGN1 Antibody (phospho-Ser20/Ser24)

Rabbit Polyclonal Antibody
Catalog # ALS11229

Specification

HMGN1 Antibody (phospho-Ser20/Ser24) - Product Information

Application	**WB**
Primary Accession	P05114
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**11kDa KDa**

HMGN1 Antibody (phospho-Ser20/Ser24) - Additional Information

Gene ID 3150

Other Names
Non-histone chromosomal protein HMG-14, High mobility group nucleosome-binding domain-containing protein 1, HMGN1, HMG14

Target/Specificity
Amino acids 19-28 of human HMGN protein containing pSer20 and pSer24

Reconstitution & Storage
Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
HMGN1 Antibody (phospho-Ser20/Ser24) is for research use only and not for use in diagnostic or therapeutic procedures.

HMGN1 Antibody (phospho-Ser20/Ser24) - Protein Information

Name HMGN1

Synonyms HMG14

Function
Binds to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer. May be involved in the process which maintains transcribable genes in a unique chromatin conformation. Inhibits the phosphorylation of nucleosomal histones H3 and H2A by RPS6KA5/MSK1 and RPS6KA3/RSK2 (By similarity).

Cellular Location
Nucleus. Cytoplasm. Note=Cytoplasmic enrichment upon phosphorylation. The RNA edited version localizes to the nucleus

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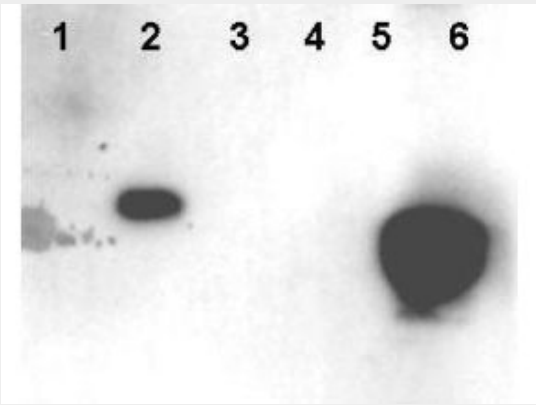
HMGN1 Antibody (phospho-Ser20/Ser24) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HMGN1 Antibody (phospho-Ser20/Ser24) - Images



Anti-HMNG Antibody - Western Blot.

HMGN1 Antibody (phospho-Ser20/Ser24) - Background

Binds to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer. May be involved in the process which maintains transcribable genes in a unique chromatin conformation. Inhibits the phosphorylation of nucleosomal histones H3 and H2A by RPS6KA5/MSK1 and RPS6KA3/RSK2 (By similarity).

HMGN1 Antibody (phospho-Ser20/Ser24) - References

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