



HMGN1/2/3/4 (Acetyl Lys27/K33/K31) rabbit pAb

Specificity This antibody detects endogenous levels of Human,Mouse,Rat HMGN1/2/3/4 (Acetyl Lys27/K33/K31) Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:1000-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Non-histone chromosomal protein HMG-14 (High mobility group nucleosome-binding domain-containing protein 1) Observed Band 12kD Cell Pathway Nucleus. Cytoplasm. Cytoplasmic enrichment upon phosphorylation. The RNA edited version localizes to the nucleus. Tissue Specificity Function Function 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 an unique chromatin conformation. Inhibits the phosphorylation on Ser-21 and Ser-25 weakens bind to nucleosomes and increases the rate of H3 phosphorylation (B similarity). Phosphorylation favors cytoplasmic localizationRNA editing:Partially edited. <i>A</i> new initiator methionine may be created by a single uridine insertion in the 5 ⁻ -UTR, causing an N-terminal extension of 45 amino acids. The existence of 15		
Reactivity Human;Mouse;Rat Applications WB; ELISA Gene Name HMGN1 HMG14 Protein Name HMGN1/2/3/4 (Acetyl Lys27/K33/K31) Immunogen Synthesized peptide derived from human HMGN1/2/3/4 (Acetyl Lys27/K33/K31) Specificity This antibody detects endogenous levels of Human,Mouse,Rat HMGN1/2/3/4 (Acetyl Lys27/K33/K31) Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:1000-2000 ELISA 1:5000-20000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Non-histone chromosomal protein HMG-14 (High mobility group nucleosome-binding domain-containing protein 1) Observed Band 12kD Cell Pathway Nucleus. Cytoplasm. Cytoplasmic enrichment upon phosphorylation. The RNA edited version localizes to 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 an unique chromatin conformation. Inhibits the phosphorylation on Ser-21 and Ser-25 weakens bind to nucleosomes and increases the fate of H3 phosphorylation (By similarity). Phosphorylation favor sytopl	Catalog No	BYab-00909
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Nanjing BYabscience technology Co.,Ltd

网址:www.njbybio.com 官方热线:025-5229-8998 监督电话:15950492658





	following peptides specific to that version: 23-31 and 40-48. The RNA edited version is
Background	The protein encoded by this gene binds nucleosomal DNA and is associated with transcriptionally active chromatin. Along with a similar protein, HMG17, the encoded protein may help maintain an open chromatin configuration around transcribable genes. [provided by RefSeq, Aug 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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