



## Anti-HMG-14 (HMGNI) Antibody

**Alternative Names:** HMGNI, Non-histone chromosomal protein, high mobility group nucleosomal binding domain 1, Non-histone chromosomal protein HMG-14

**Catalogue Number:** AA17-10040-50ug

**Size:** 50 µg

### Background Information

Non-histone chromosomal protein HMG-14 (HMG-14 - Protein: HMGNI - Gene) binds nucleosomal DNA and is associated with transcriptionally active chromatin, potentially altering the interaction between DNA and histone and may help maintain an open chromatin configuration around transcribable genes. Its ubiquitous distribution, relative abundance and the high evolutionary conservation of its DNA-binding domain further support its likely importance in cellular function. Deletion of the 26 C-terminal amino acids of HMG-14 reduces its ability to enhance transcription from chromatin templates. In contrast, N-terminal truncation mutants have the same transcriptional enhancement activity as the full-length protein.

### Product Information

<b>Antibody Type:</b>	Polyclonal	<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG	<b>Species Reactivity:</b>	Human
<b>Immunogen:</b>	Full length recombinant human Non-histone chromosomal protein HMG-14		
<b>Format:</b>	50 µg in 100 µl PBS containing 0.05% BSA and 0.05% sodium azide.		
<b>Storage Conditions:</b>	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
<b>Applications:</b>	IHC IHC: 20 µg/ml		

### Additional Information

<b>Subcellular location:</b>	Nucleus	<b>MW:</b>	11kDa (Intended as a general guide and does not allow for all isoforms and species variations)
<b>Gene ID</b>	3150	<b>Uniprot ID:</b>	P05114