HMG-14 rabbit pAb

Cat No.:ES5744

For research use only

Overview

Product Name	HMG-14 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human HMG14. AA range:10-59
Specificity	HMG-14 Polyclonal Antibody detects endogenous levels of HMG-14 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Non-histone chromosomal protein HMG-14
Gene Name	HMGN1
Cellular localization	Nucleus. Cytoplasm. Cytoplasmic enrichment upon phosphorylation. The RNA edited version localizes to the nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	3150
Human Swiss-Prot Number	P05114
Alternative Names	HMGN1; HMG14; Non-histone chromosomal protein HMG-14; High mobility group nucleosome-binding domain-containing protein 1
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],

Immunofluorescence analysis of HepG2 cells, using HMG14 Antibody. The picture on the right is blocked with the synthesized peptide.
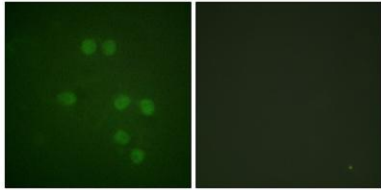
Immunohistochemical analysis of paraffin-embedded human tonsil.   1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).