



# HMG-17 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-01794
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	IHC;IF;ELISA
<b>Gene Name</b>	HMGN2
<b>Protein Name</b>	Non-histone chromosomal protein HMG-17
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HMG17. AA range:1-50
<b>Specificity</b>	HMG-17 Polyclonal Antibody detects endogenous levels of HMG-17 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	HMGN2; HMG17; Non-histone chromosomal protein HMG-17; High mobility group nucleosome-binding domain-containing protein 2
<b>Observed Band</b>	15-17kD
<b>Cell Pathway</b>	Nucleus . Cytoplasm . Cytoplasmic enrichment upon phosphorylation.
<b>Tissue Specificity</b>	Brain,Colon,Eye,Lung,Lymph,Mammary gland,Muscle,Peripheral
<b>Function</b>	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., mass spectrometry: PubMed:10739259, PTM: Phosphorylation favors cytoplasmic localization., similarity: Belongs to the HMGN family., subcellular location: Cytoplasmic enrichment upon phosphorylation.,
<b>Background</b>	high mobility group nucleosomal binding domain 2(HMGN2) Homo sapiens The protein encoded by this gene binds nucleosomal DNA and is associated with transcriptionally active chromatin. Along with a similar protein, HMGN1, the encoded protein may help maintain an open chromatin configuration around transcribable genes. The protein has also been found to have antimicrobial activity against bacteria, viruses and fungi. [provided by RefSeq, Oct 2014],

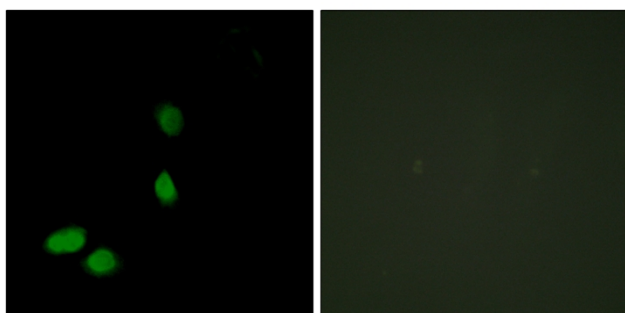
**matters needing attention**

Avoid repeated freezing and thawing!

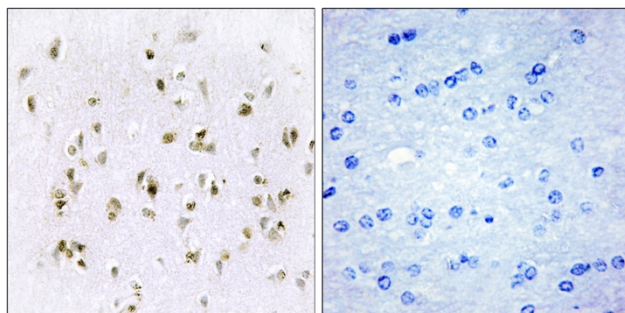
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunofluorescence analysis of HeLa cells, using HMG17 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using HMG17 Antibody. The picture on the right is blocked with the synthesized peptide.