

**Product Name: HMG-17 Rabbit Polyclonal Antibody**  
**Catalog #: APRab12102**



## Summary

<b>Production Name</b>	HMG-17 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC-P,IF-P,IF-F,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	HMGN2
<b>Alternative Names</b>	HMGN2; HMG17; Non-histone chromosomal protein HMG-17; High mobility group nucleosome-binding domain-containing protein 2
<b>Gene ID</b>	3151.0
<b>SwissProt ID</b>	P05204.The antiserum was produced against synthesized peptide derived from human HMG17. AA range:1-50

## Application

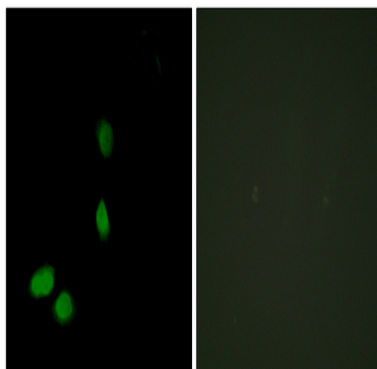
<b>Dilution Ratio</b>	IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:40000.Not yet tested in other applications.
<b>Molecular Weight</b>	15-17kDa

## Background

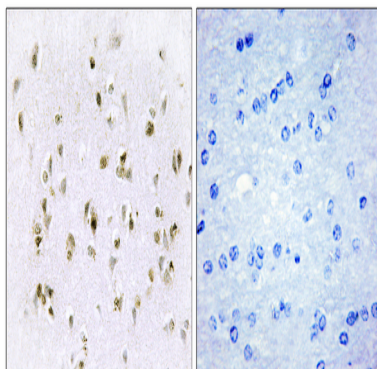
high mobility group nucleosomal binding domain 2(HMGN2) Homo sapiens The protein encoded by this gene binds nucleosomal DNA and is associated with transcriptionally active chromatin. Along with a similar protein, HMGN1, the encoded protein may help maintain an open chromatin configuration around transcribable genes. The protein has also been found to have antimicrobial activity against bacteria, viruses and fungi. [provided by RefSeq, Oct 2014],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.,

## Research Area

## Image Data



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.

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**Note**

For research use only.