

HMG17 Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50661**Specification**

HMG17 Antibody - Product Information

Application	IF, WB, IHC
Primary Accession	P05204
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9 KDa
Antigen Region	2-35

HMG17 Antibody - Additional Information**Gene ID** 3151**Other Names**

Non-histone chromosomal protein HMG-17, High mobility group nucleosome-binding domain-containing protein 2, HMGN2, HMG17

Dilution

IF~~1:100

WB~~1:1000

IHC~~1:50-1:100

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

HMG17 Antibody - Protein Information**Name** HMGN2**Synonyms** HMG17**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 (By similarity).

Cellular Location

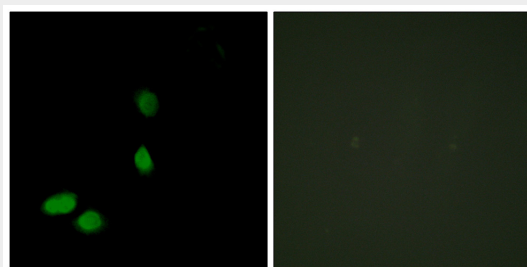
Nucleus. Cytoplasm. Note=Cytoplasmic enrichment upon phosphorylation

HMG17 Antibody - Protocols

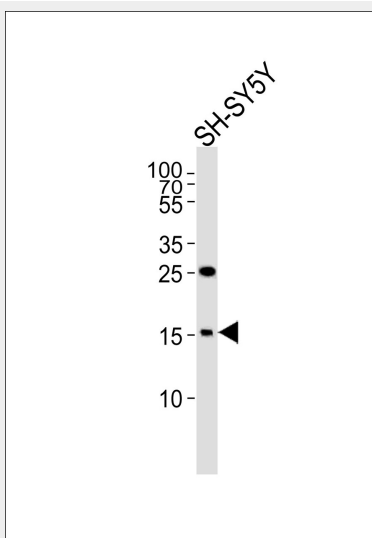
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

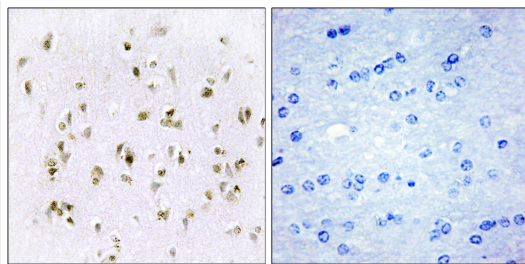
HMG17 Antibody - Images



Immunofluorescence analysis of HeLa cells, using HMG17 antibody.



Western blot analysis of lysate from SH-SY5Y cell line, using HMG17 Antibody (AP50661). AP50661 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using HMG17 antibody.

HMG17 Antibody - Background

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HMG17 Antibody - References

Landsman D., et al. J. Biol. Chem. 261:7479-7484(1986).
Landsman D., et al. Nucleic Acids Res. 17:2301-2314(1989).
Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DBJ databases.
Gregory S.G., et al. Nature 441:315-321(2006).
Giancotti V., et al. Eur. J. Biochem. 198:211-216(1991).