

## HMGN2 Polyclonal Antibody

Catalog number: 10953-1-AP

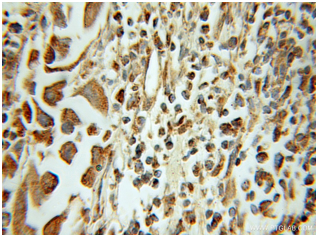
Size: 65 µg/150 µl

Source: Rabbit

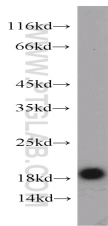
Isotype: IgG

Synonyms:

HMGN2; HMG17, HMGN2



Immunohistochemical of paraffin-embedded human prostate cancer using 10953-1-AP (HMGN2 antibody) at dilution of 1:50 (under 10x lens)



Jurkat cells were subjected to SDS PAGE followed by western blot with 10953-1-AP (HMGN2 antibody) at dilution of 1:600

### Background

HMGN2 is a highly conserved nucleosomal protein which may involve in unfolding higher-order chromatin structure and facilitating the transcriptional activation of mammalian genes. It is the most abundant, ubiquitous and evolutionarily conserved nonhistone proteins found in the nuclei of higher eukaryotes. It binds to the inner side of the nucleosomal DNA thus altering the interaction between the DNA and the histone octamer.

### Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	ELISA
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated HMGN2 MW:	9.3 kDa
Observed HMGN2 MW:	18-20 kDa
Positive WB detected in	Jurkat cells, HeLa cells, HepG2 cells, HL-60 cells, K-562 cells
Positive IHC detected in	Human prostate cancer tissue, human cervical cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1401
GenBank accession number:	BC014644
Gene ID (NCBI):	3151
Full name:	High-mobility group nucleosomal binding domain 2

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.