

For Research Use Only

# HMGN2 Polyclonal antibody, PBS Only

Catalog Number:10953-1-PBS



## Basic Information

**Catalog Number:**

10953-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1401

**GenBank Accession Number:**

BC014644

**GeneID (NCBI):**

3151

**UNIPROT ID:**

P05204

**Full Name:**

high-mobility group nucleosomal binding domain 2

**Calculated MW:**

9 aa, 3 kDa

**Observed MW:**

18-20 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, Indirect ELISA

**Species Specificity:**

human

## Background Information

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.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

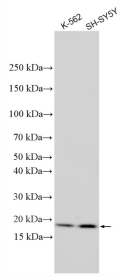
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

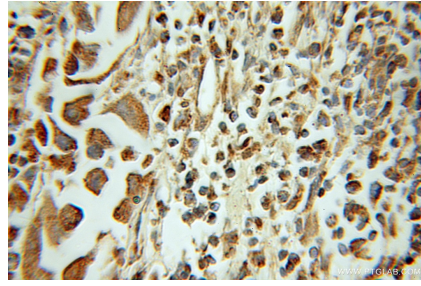
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

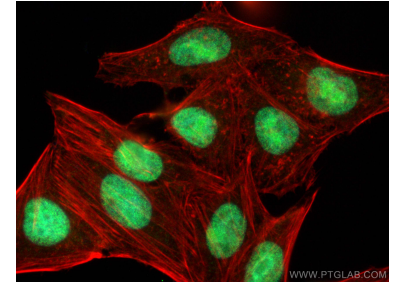
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10953-1-AP (HMGN2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10953-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 10953-1-AP (HMGN2 antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 10953-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using HMGN2 antibody (10953-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 10953-1-PBS in a different storage buffer formulation.