

For Research Use Only

# HMGN4 Polyclonal antibody

Catalog Number: 11686-1-AP



## Basic Information

<b>Catalog Number:</b> 11686-1-AP	<b>GenBank Accession Number:</b> BC001282	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 10473	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O00479	
<b>Isotype:</b> IgG	<b>Full Name:</b> high mobility group nucleosomal binding domain 4	
<b>Immunogen Catalog Number:</b> AG2298	<b>Calculated MW:</b> 90 aa, 10 kDa	
	<b>Observed MW:</b> 15 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, <b>IF/ICC :</b> HeLa cells,

## Background Information

HMGN4, also named as High mobility group nucleosome-binding domain-containing protein 4, is a 90 amino acid protein, which belongs to the HMGN family. HMGN4 as a DNA-binding protein localizes in the nucleus. The calculated molecular weight of HMGN4 is 10 kDa, but the modified HMGN4 protein is about 15 kDa.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

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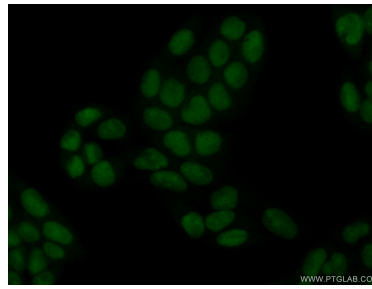
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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 11686-1-AP (HMGN4 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 11686-1-AP (HMGN4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).