

For Research Use Only

HMGN4 Polyclonal antibody

Catalog Number: 11686-1-AP



Basic Information

Catalog Number:

11686-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 373 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2298

GenBank Accession Number:

BC001282

GeneID (NCBI):

10473

UNIPROT ID:

O00479

Full Name:

high mobility group nucleosomal binding domain 4

Calculated MW:

90 aa, 10 kDa

Observed MW:

15 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells,

IF/ICC : 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

*** 20ul sizes contain 0.1% BSA

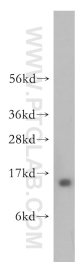
For technical support and original validation data for this product please contact:

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HMGN4 antibody (11686-1-AP) at dilution of 1:800 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).

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.