

For Research Use Only

# HMBS Polyclonal antibody

Catalog Number: 14797-1-AP



## Basic Information

Catalog Number:

14797-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6509

GenBank Accession Number:

BC000520

GeneID (NCBI):

3145

UNIPROT ID:

P08397

Full Name:

hydroxymethylbilane synthase

Calculated MW:

39 kDa

Observed MW:

39-42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF 1:20-1:200

## Applications

Tested Applications:

IF/ICC, IP, WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, A375 cells, HEK-293 cells, Raji cells

IP : HEK-293 cells,

IF : MCF-7 cells, HeLa cells, HepG2 cells

## Background Information

### 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:

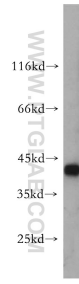
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

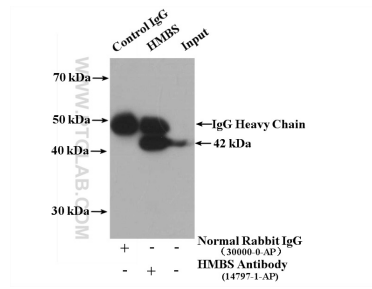
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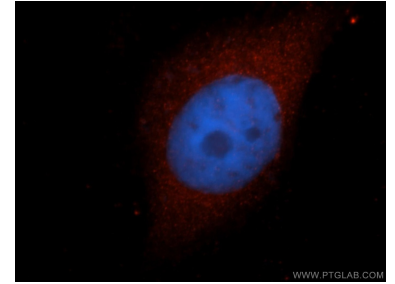
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 14797-1-AP (HMBS antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-HMBS (IP:14797-1-AP, 4ug; Detection:14797-1-AP 1:700) with HEK-293 cells lysate 2400 ug.



Immunofluorescent analysis of MCF-7 cells, using HMBS antibody 14797-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).