

For Research Use Only

GEMIN4 Polyclonal antibody

Catalog Number: 12408-1-AP



Basic Information

Catalog Number:

12408-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3099

GenBank Accession Number:

BC020062

GeneID (NCBI):

50628

UNIPROT ID:

P57678

Full Name:

gem (nuclear organelle) associated protein 4

Calculated MW:

1058 aa, 120 kDa

Observed MW:

120-130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

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

Applications

Tested Applications:

IP, WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells

IP : HEK-293 cells, HeLa cells

Background Information

GEMIN4, also named as P97, is a sub-unit of SMN complex. The SMN complex plays a catalyst role in the assembly of small nuclear ribonucleoproteins (snRNPs). It plays an important role in the splicing of cellular pre-mRNAs. The express amount of GEMIN4 is about 8.79 ppm (<http://pax-db.org/#!/protein/984742>). This antibody detects 97-110 kDa GEMIN4.

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:

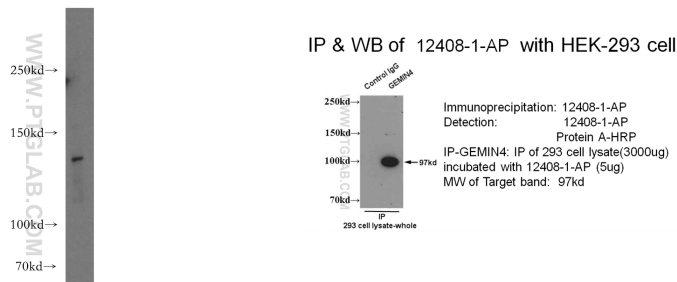
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Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12408-1-AP (GEMIN4 antibody) at dilution of 1:100 incubated at room temperature for 1.5 hours.

IP result of anti-GEMIN4 (12408-1-AP for IP and Detection) with 293 cell lysate.