

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:

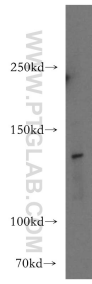
T: 4006900926

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

W: [ptgcn.com](http://ptgcn.com)

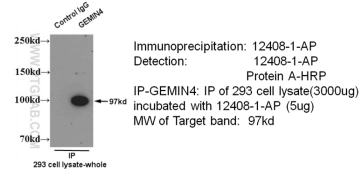
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## Selected Validation Data



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 & WB of 12408-1-AP with HEK-293 cell



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