For Research Use Only

GEMIN4 Polyclonal antibody

Catalog Number: 12408-1-AP



Purification Method:

WB 1:200-1:1000

protein lysate

Antigen affinity purification

IP 0.5-4.0 ug for 1.0-3.0 mg of total

Recommended Dilutions:

Basic Information

Catalog Number: GenBank Accession Number: 12408-1-AP BC020062
Size: GeneID (NCBI): 450 µg/ml 50628
Source: UNIPROT ID: Rabbit P57678

Isotype: Full Name:

IgG gem (nuclear organelle) associated

Immunogen Catalog Number: protein 4
AG3099 Calculated MW:

1058 aa, 120 kDa Observed MW: 120-130 kDa

Applications

IP, WB,ELISA

Species Specificity:
human

Tested Applications: 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

Selected Validation Data



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

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.