

For Research Use Only

FIG4 Polyclonal antibody

Catalog Number: 28499-1-AP



Basic Information

Catalog Number:

28499-1-AP

Size:

150ul , Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28971

GenBank Accession Number:

BC041338

GeneID (NCBI):

9896

UNIPROT ID:

Q92562

Full Name:

FIG4 homolog (S. cerevisiae)

Calculated MW:

907 aa, 104 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HEK-293 cells, NIH/3T3 cells, C6 cells

Background Information

FIG4 (also named SAC3) is a 5'-phosphoinositide phosphatase that coordinates the turnover of phosphatidylinositol-3,5-bisphosphate (PI(3,5)P₂), a very low abundance phosphoinositide. Deficiency of FIG4 severely affects the human and mouse nervous systems by causing two distinct forms of abnormal lysosomal storage (PMID: 23165282).

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

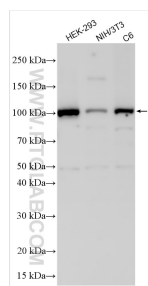
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28499-1-AP (FIG4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.