

For Research Use Only

FIG4 Polyclonal antibody

Catalog Number: 28499-1-AP



Basic Information

Catalog Number: 28499-1-AP	GenBank Accession Number: BC041338	Purification Method: Antigen affinity purification
Size: 550 ug/ml	GeneID (NCBI): 9896	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q92562	
Isotype: IgG	Full Name: FIG4 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG28971	Calculated MW: 907 aa, 104 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, NIH/3T3 cells, C6 cells
Species Specificity: human, mouse, rat	

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

For technical support and original validation data for this product please contact:

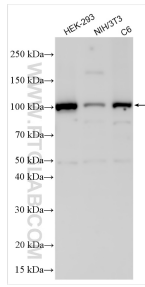
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Selected Validation Data



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.