

For Research Use Only

Protrudin Polyclonal antibody

Catalog Number: 12680-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number: 12680-1-AP	GenBank Accession Number: BC030621	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 118813	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: zinc finger, FYVE domain containing 27	
Isotype: IgG	Calculated MW: 411 aa, 46 kDa	
Immunogen Catalog Number: AG3369	Observed MW: 46-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse thymus tissue, mouse testis tissue, mouse brain tissue, Jurkat cells
Cited Applications: CoIP, IF, IP, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, rat, mouse, monkey	

Background Information

Protrudin, also named as ZFYVE27, is a 411 amino acid protein, which contains 1 FYVE-type zinc finger. Protrudin localizes in the recycling endosome membrane and functions as an upstream inhibitor of RAB11, regulating directional protein transport to the forming neurites. Protrudin is a key regulator of vesicular transport during neurite extension and is involved in neuronal intracellular trafficking in the corticospinal tract.

Notable Publications

Author	Pubmed ID	Journal	Application
James W Connell	31587092	Cell Mol Life Sci	
Xi Lu	31772151	Cell Death Dis	WB,IF,CoIP
Veselina Petrova	33154382	Nat Commun	WB

Storage

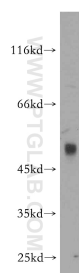
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 12680-1-AP (Protrudin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.