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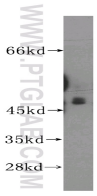
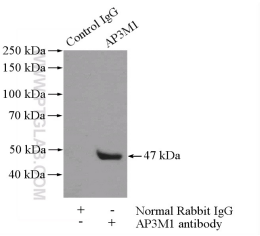
AP3M1 Polyclonal Antibody

Catalog number: 12114-1-AP
Size: 26 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
AP3M1; AP 3 complex subunit mu 1, AP3M1, Mu adaptin 3A, Mu3A adaptin



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 12114-1-AP(AP3M1 antibody) at dilution of 1:400



IP Result of anti-AP3M1 (IP:12114-1-AP, 4ug; Detection:12114-1-AP 1:300) with NIH/3T3 cells lysate 1200ug.

Background

Adaptor protein (AP) complexes are cytosolic heterotetramers that mediate the sorting of membrane proteins in the secretory and endocytic pathways. AP3M1 is a subunit of the AP-3 complex which is composed of two large adaptins (AP3D1 and AP3B1 or AP3B2), a medium adaptin (AP3M1 or AP3M2) and a small adaptin (APS1 or AP3S2). AP-3 complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes.

Applications

Tested applications:	ELISA, WB, IP
Cited applications:	WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Human
Caculated AP3M1 MW:	418aa,47 kDa
Observed AP3M1 MW:	47 kDa
Positive WB detected in	NIH/3T3 cells
Positive IP detected in	NIH/3T3 cells
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2759
GenBank accession number:	BC026232
Gene ID (NCBI):	26985
Full name:	Adaptor-related protein complex 3, mu 1 subunit

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.