

For Research Use Only

AP3D1 Polyclonal ANTIBODY



Catalog Number: 16454-1-AP

1 Publications

Basic Information

Catalog Number:
16454-1-AP

Size:
22 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AC9390

GenBank Accession Number:
BC010065

GeneID (NCBI):
8943

Full Name:
adaptor-related protein complex 3, delta 1 subunit

Calculated MW:
1153aa, 130 kDa

Observed MW:
110 kDa

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
IF

Species Specificity:
human,mouse,rat

Cited Species:
rat

Positive Controls:

WB : NIH/3T3 cells; HeLa cells

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Adaptor protein (AP) complexes are cytosolic heterotetramers that mediate the sorting of membrane proteins in the secretory and endocytic pathways. AP3D1 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 (AP3S1 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Elaine Zayas Marcelino da Silva	28273137	PLoS One	IF

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

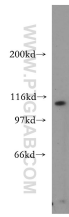
For technical support and original validation data for this product please contact:

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Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 16454-1-AP(AP3D1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours