

For Research Use Only

OATL1 Polyclonal antibody

Catalog Number: 28597-1-AP



Basic Information

Catalog Number: 28597-1-AP	GenBank Accession Number: BC101817	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 4943	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q3MII6	
Isotype: IgG	Full Name: TBC1 domain family, member 25	
Immunogen Catalog Number: AG29470	Observed MW: 80-90 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells, U2OS cells
Species Specificity: human	

Background Information

OATL1, also known as TBC1D25, is a protein with a TBC domain and functions as a Rab GTPase activating protein. It is involved in the fusion of autophagosomes with endosomes and lysosomes. OATL1 is recruited to isolation membranes and autophagosomes through direct interaction with Atg8 homologues and is involved in the fusion between autophagosomes and lysosomes through its GAP activity.

Storage

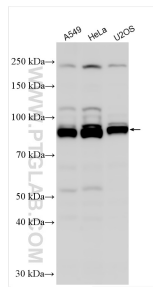
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28597-1-AP (OATL1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.