

For Research Use Only

# OATL1 Polyclonal antibody

Catalog Number: 28597-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, HeLa cells, U2OS cells
<b>Species Specificity:</b> 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*

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

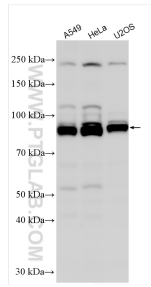
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## Selected Validation Data



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