

## **Anti-BLOC1S1 Antibody**

Rabbit Anti Human Polyclonal Antibody Catalog # ALS18520

## **Specification**

## **Anti-BLOC1S1 Antibody - Product Information**

Application WB, IHC-P, E
Primary Accession P78537
Predicted Human
Host Rabbit
Clonality Polyclonal
Isotype IgG

Isotype IgG
Calculated MW 17263

## **Anti-BLOC1S1 Antibody - Additional Information**

**Gene ID 2647** 

Alias Symbol BLOC1S1

**Other Names** 

BLOC1S1, BLOS1, BLOC-1 subunit 1, BLOC subunit 1, GCN5-like protein 1, GCN5L1, MICoA, MTA1-interacting coactivator, Protein RT14, RT14

Target/Specificity
Human BLOC1S1

## **Reconstitution & Storage**

Caprylic acid and ammonium sulfate precipitation

#### **Precautions**

Anti-BLOC1S1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

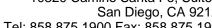
# **Anti-BLOC1S1 Antibody - Protein Information**

Name BLOC1S1

Synonyms BLOS1, GCN5L1, RT14

### **Function**

Component of the BLOC-1 complex, a complex that is required for normal biogenesis of lysosome-related organelles (LRO), such as platelet dense granules and melanosomes. In concert with the AP-3 complex, the BLOC-1 complex is required to target membrane protein cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension (PubMed:<a href="http://www.uniprot.org/citations/17182842" target="\_blank">17182842</a>). As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of lysosomes, the BORC complex may recruit ARL8B





and couple lysosomes to microtubule plus-end-directed kinesin motor (PubMed:<a href="http://www.uniprot.org/citations/25898167" target="blank">25898167</a>).

### **Cellular Location**

Mitochondrion intermembrane space. Mitochondrion matrix. Cytoplasm, cytosol. Lysosome membrane

# **Anti-BLOC1S1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

**Anti-BLOC1S1 Antibody - Images**