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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**
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:17182842). 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:25898167).

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
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-BLOC1S1 Antibody - Images