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Anti-BLOC1S1 Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18520

Product Information

Application	WB, IHC-P, E
Primary Accession	P78537
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	17263

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.

Protein Information

Name	BLOC1S1
Synonyms	BLOS1, GCN5L1 {ECO:0000303|PubMed:382816
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 (PubMed:17182842). 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 (PubMed:17182842). 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 (PubMed:25898167). 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