10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BLOC1S1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11354

Product Information

Application	WB
Primary Accession	P78537
Other Accession	NM_001487, NP_001478
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17263

Additional Information

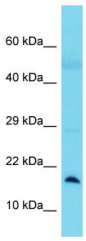
Gene ID	2647
Alias Symbol	BLOS1, GCN5L1, MICoA, RT14
Other Names	Biogenesis of lysosome-related organelles complex 1 subunit 1, BLOC-1 subunit 1, GCN5-like protein 1, Protein RT14, BLOC1S1, BLOS1, GCN5L1, RT14
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-BLOC1S1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	BLOC1S1 Antibody - N-terminal region 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

Images



Host: Rabbit
Target Name: BLOC1S1
Sample Tissue: Lung Tumor lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.