

Bloc1s2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13840**Specification**

Bloc1s2 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9CWG9
Other Accession	NM_028607 , NP_082883
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted Host	Human, Chicken, Horse, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 15kDa KDa

Bloc1s2 antibody - N-terminal region - Additional Information**Gene ID** 73689**Alias Symbol** 2410089B13Rik, BLOS2**Other Names**

Biogenesis of lysosome-related organelles complex 1 subunit 2, BLOC-1 subunit 2, Bloc1s2, Blos2

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-Bloc1s2 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

Bloc1s2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Bloc1s2 antibody - N-terminal region - Protein Information**Name** Bloc1s2**Synonyms** Blos2**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 (By similarity). 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:16760431, PubMed:21998198).

The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension (PubMed:19546860). 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 (By similarity).

Cellular Location

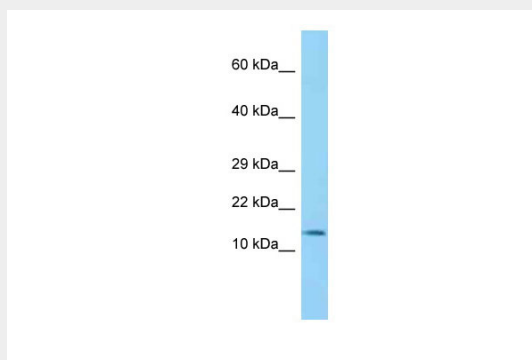
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome {ECO:0000250|UniProtKB:Q6QNY1}. Lysosome membrane {ECO:0000250|UniProtKB:Q6QNY1}. Note=Localizes to the centrosomes in a microtubule-dependent manner. {ECO:0000250|UniProtKB:Q6QNY1}

Bloc1s2 antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Bloc1s2 antibody - N-terminal region - Images



WB Suggested Anti-Bloc1s2 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Heart

Bloc1s2 antibody - N-terminal region - References

Carninci P., et al. Science 309:1559-1563(2005).
Church D.M., et al. PLoS Biol. 7:E1000112-E1000112(2009).
Starcevic M., et al. J. Biol. Chem. 279:28393-28401(2004).
Salazar G., et al. Mol. Biol. Cell 17:4014-4026(2006).
Gdynia G., et al. Apoptosis 13:437-447(2008).