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Datasheet for ABIN2811087

anti-BLOC1S4 antibody (Alexa Fluor 594)

Overview

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|--------------|---|
| Quantity: | 100 µL |
| Target: | BLOC1S4 (CNO) |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This BLOC1S4 antibody is conjugated to Alexa Fluor 594 |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human CNO/Cappuccino |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | BLOC1S4 (CNO) |
| Alternative Name: | Cappuccino (CNO Products) |
| Background: | <p>Synonyms: Cappuccino, Cappuccino homolog, Cappuccino homolog, FLJ11230, Protein cappuccino, Protein cappuccino homolog, BL1S4_HUMAN, Biogenesis of lysosome-related organelles complex 1 subunit 4, BLOC-1 subunit 4, BLOC1S4, BCAS4L, CNO.</p> <p>Background: Biogenesis of lysosome-related organelles complex-1 (BLOC-1) is a multisubunit</p> |

Target Details

protein necessary for biogenesis of specialized organelles of the endosomal-lysosomal system (such as melanosomes and platelet-dense granules). The complex consists of coiled-coil-forming proteins Snapin, Pallidin, Cappuccino, Muted, BLOS1, BLOS2, and BLOS3. The localization of these proteins varies as they can be cytoplasmic, peripheral membrane bound or anchored to the vesicular membrane. Cappuccino, a primarily cytoplasmic protein, plays a role in the development of melanosomes, platelet-dense granules and other lysosome-related organelles. It interacts primarily with pallidin and Muted and has been implicated as an actin-nucleation factor that may play a role in crosstalk between microfilaments and microtubules.

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months