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Datasheet for ABIN6977536

anti-AP3B1 antibody (AA 1-100) (AbBy Fluor® 488)

Overview

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| Quantity: | 100 µL |
| Target: | AP3B1 |
| Binding Specificity: | AA 1-100 |
| Reactivity: | Human, Mouse, Xenopus laevis |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AP3B1 antibody is conjugated to AbBy Fluor® 488 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human HPS2 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Xenopus laevis |
| Predicted Reactivity: | Rat,Dog,Cow,Sheep,Pig,Horse,Cat |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|---|
| Target: | AP3B1 |
| Alternative Name: | HPS2 (AP3B1 Products) |

Target Details

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| Background: | <p>Synonyms: AP-3 complex subunit beta-1, AP3B1, Adaptor protein complex AP-3 subunit beta-1, Adaptor-related protein complex 3 subunit beta-1, Beta-3A-adaptin, Clathrin assembly protein complex 3 beta-1 large chain, AP3B1, ADTB3A</p> <p>Background: Subunit of non-clathrin- and clathrin-associated adaptor protein complex 3 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. AP-3 appears to be involved in the sorting of a subset of transmembrane proteins targeted to lysosomes and lysosome-related organelles.</p> |
| Gene ID: | 8546 |
| UniProt: | O00203 |
| Pathways: | SARS-CoV-2 Protein Interactome |

Application Details

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|--------------------|---|
| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| 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 |