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Datasheet for ABIN7111311 **anti-AP3B1 antibody**

Overview

| | |
|--------------|---|
| Quantity: | 100 µg |
| Target: | AP3B1 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AP3B1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF) |

Product Details

| | |
|---------------|---|
| Immunogen: | adaptor-related protein complex 3, beta 1 subunit |
| Isotype: | IgG |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95 % as determined by SDS-PAGE |

Target Details

| | |
|-------------------|--|
| Target: | AP3B1 |
| Alternative Name: | AP3B1 (AP3B1 Products) |
| Background: | Synonyms:ADTB3, ADTB3A, AP 3 complex subunit beta 1, AP3B1, Beta 3A adaptin, HPS, HPS2, PE Background:Subunit of non-clathrin-and clathrin-associated adaptor protein complex 3(AP-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 |

Target Details

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. In concert with the BLOC-1 complex, AP-3 is required to target cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals.

Molecular Weight: 140 kDa

Gene ID: 8546

UniProt: [O00203](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB: 1:500-1:5000 IP: 1:200-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months