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Datasheet for ABIN6242584
anti-RAB1B antibody (AA 1-201)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 200 µL |
| Target: | RAB1B |
| Binding Specificity: | AA 1-201 |
| Reactivity: | Human, Rat, Mouse |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This RAB1B antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|--|
| Immunogen: | This RAB1B antibody is generated from a mouse immunized with a recombinant protein between 1-201 amino acids from human RAB1B. |
| Clone: | 1673CT571-17-71 |
| Isotype: | IgG1 kappa |
| Purification: | This antibody is purified through a protein G column, followed by dialysis against PBS. |

Target Details

| | |
|-------------------|--|
| Target: | RAB1B |
| Alternative Name: | RAB1B (RAB1B Products) |
| Background: | The small GTPases Rab are key regulators of intracellular membrane trafficking, from the |

Target Details

formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. RAB1B regulates vesicular transport between the endoplasmic reticulum and successive Golgi compartments. Plays a role in the initial events of the autophagic vacuole development which take place at specialized regions of the endoplasmic reticulum.

Molecular Weight: 22171

UniProt: [Q9H0U4](#)

Application Details

Application Notes: WB: 1:4000

Restrictions: For Research Use only

Handling

Format: Liquid

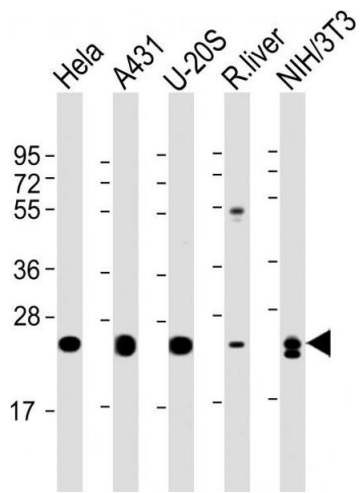
Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C, -20 °C

Expiry Date: 6 months



Western Blotting

Image 1. All lanes : Anti-RAB1B Antibody at 1:4000 dilution
 Lane 1: HeLa whole cell lysate Lane 2: A431 whole cell lysate Lane 3: U-20S whole cell lysate Lane 4: rat liver lysate Lane 5: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5 % NFD/MTBST.