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Datasheet for ABIN7157617
anti-KIF2B antibody (AA 1607-1731) (Biotin)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | KIF2B |
| Binding Specificity: | AA 1607-1731 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This KIF2B antibody is conjugated to Biotin |
| Application: | ELISA |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant Human Kinesin-like protein KIF20B protein (1607-1731AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | KIF2B |
| Alternative Name: | KIF2B (KIF2B Products) |
| Background: | Background: Plus-end-directed motor enzyme that is required for completion of cytokinesis (PubMed:11470801, PubMed:12740395). Required for proper midbody organization and |

Target Details

abscission in polarized cortical stem cells. Plays a role in the regulation of neuronal polarization by mediating the transport of specific cargos. Participates in the mobilization of SHTN1 and in the accumulation of PIP3 in the growth cone of primary hippocampal neurons in a tubulin and actin-dependent manner. In the developing telencephalon, cooperates with SHTN1 to promote both the transition from the multipolar to the bipolar stage and the radial migration of cortical neurons from the ventricular zone toward the superficial layer of the neocortex. Involved in cerebral cortex growth (By similarity). Acts as an oncogene for promoting bladder cancer cells proliferation, apoptosis inhibition and carcinogenic progression (PubMed:17409436).

Aliases: Cancer/testis antigen 90 antibody, CT90 antibody, KI20B_HUMAN antibody, KIF20B antibody, Kinesin-like protein KIF20B antibody, Kinesin-related motor interacting with PIN1 antibody, KRMP1 antibody, M-phase phosphoprotein 1 antibody, MPHOSPH1 antibody, MPP 1 antibody, Mpp1 antibody

UniProt: [Q96Q89](#)

Pathways: [Microtubule Dynamics](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.