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# Datasheet for ABIN392589 anti-PI4K2B antibody (C-Term)

Image



#### Overview

| Quantity:            | 400 µL   |
|----------------------|--|
| Target:              | PI4K2B   |
| Binding Specificity: | AA 305-336, C-Term   |
| Reactivity:          | Human, Mouse   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Application:         | Western Blotting (WB)  |
| Product Details      |  |
| Immunogen:           | This PI 4 Kinase type 2 beta antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 305-336 amino acids from the C-terminal region of human PI 4 Kinase type 2 beta. |
| Clone:               | RB1683   |
| lsotype:             | Ig Fraction  |
| Purification:        | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by  |

## Target Details

| Target:           | РІ4К2В  |
|-------------------|---|
| Alternative Name: | PI 4 Kinase type 2 beta (PI4K2B Products)   |
| Background:       | Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, |

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### Target Details

| generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this     |
|---|
| basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells,     |
| regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement |
| and cell movement, apoptosis, and differentiation. With more than 500 gene products, the          |
| protein kinase family is one of the largest families of proteins in eukaryotes. The family has    |
| been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or         |
| serine/threonine (STK) kinase catalytic domains.  |
|   |

| Molecular Weight: | 54744                      |
|-------------------|----------------------------|
| Gene ID:          | 55300                      |
| NCBI Accession:   | NP_060793                  |
| UniProt:          | Q8TCG2                     |
| Pathways:         | Inositol Metabolic Process |

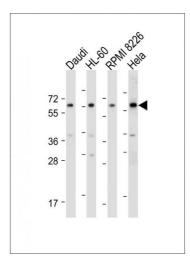
### Application Details

| Application Notes: | WB: 1:2000            |
|--------------------|-----------------------|
| Restrictions:      | For Research Use only |

## Handling

| Format:            | Liquid   |
|--------------------|--|
| Buffer:            | Purified polyclonal 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  |
| Storage Comment:   | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date:       | 6 months   |

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#### Western Blotting

**Image 1.** All lanes : Anti-PI 4 Kinase type 2 beta antibody (C-term) at 1:2000 dilution Lane 1: Daudi whole cell lysate Lane 2: HL-60 whole cell lysate Lane 3: RI 8226 whole cell lysate Lane 4: Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 55 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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