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Datasheet for ABIN6146685  
**anti-RAP1B antibody (AA 1-184)**

2 Images

Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | RAP1B  |
| Binding Specificity: | AA 1-184                                       |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal                                     |
| Conjugate:           | This RAP1B antibody is un-conjugated           |
| Application:         | Western Blotting (WB), Immunofluorescence (IF) |

Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-184 of human Rap1B (NP_056461.1).   |
| Sequence:         | MREYKLVVLG SGGVGKSALT VQFVQGIFVE KYDPTIEDSY RKQVEVDAQQ CMLEILDTAG<br>TEQFTAMRDL YMKNQGQGFAL VYSITAQSTF NDLQLDREQL LRVKDTDDVP MILVGNKCDL<br>EDERVVGKEQ GQNLARQWNN CAFLESSAKS KINVNEIFYD LVRQINRKTP VPGKARKKSS CQLL |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse  |
| Characteristics:  | Polyclonal Antibodies   |

Target Details

|         |       |
|---------|-------|
| Target: | RAP1B |
|---------|-------|

## Target Details

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Alternative Name: [RAP1B \(RAP1B Products\)](#)

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Background: This gene encodes a member of the RAS-like small GTP-binding protein superfamily. Members of this family regulate multiple cellular processes including cell adhesion and growth and differentiation. This protein localizes to cellular membranes and has been shown to regulate integrin-mediated cell signaling. This protein also plays a role in regulating outside-in signaling in platelets. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 5, 6 and 9.,[RAP1B](#),[K-REV](#),[RAL1B](#),[Signal Transduction](#),[G protein signaling](#),[Signal Transduction](#),[G2/M DNA Damage Checkpoint](#),[MAPK-Erk Signaling Pathway](#),[Cell Biology & Developmental Biology](#),[Cell Adhesion](#),[Endocrine & Metabolism](#),[Immunology & Inflammation](#),[B Cell Receptor Signaling Pathway](#),[RAP1B](#)

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Molecular Weight: 15 kDa/16 kDa/18 kDa/20 kDa

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Gene ID: 5908

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UniProt: [P61224](#)

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Pathways: [CXCR4-mediated Signaling Events](#), [Signaling of Hepatocyte Growth Factor Receptor](#)

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## Application Details

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Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

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Comment: HIGH QUALITY

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Preservative: Sodium azide

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

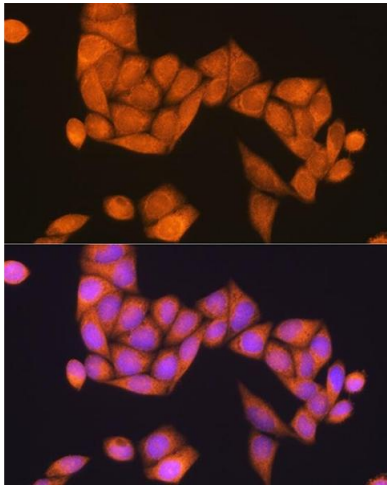
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Storage: -20 °C

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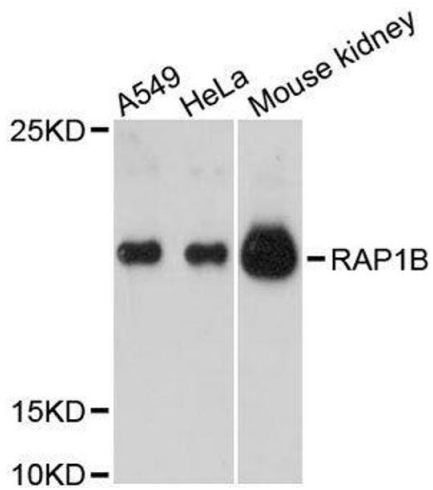
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

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### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using Rap1B Rabbit pAb (ABIN6132985, ABIN6146685, ABIN6146686 and ABIN6216738) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using RAP1B antibody.