SICGEN ANTIBODIES

# Product Data Sheet

| Catalogue No. | Qty: |
|---|---|
| AB0017-100 | 300 µg |

## Anti-Rab1b

**Source:** Goat

**General description:** Goat polyclonal antibody to Rab1b. Rab1b belongs to the small GTPase superfamily, Rab family. Rab1b together with Rab1a control vesicle traffic from the endoplasmic reticulum to the Golgi apparatus.

**Alternative names:** RAB1A, RAB1B, RAS-associated protein RAB1A, ras-related protein Rab-1B, ras-related protein Rab-1A, ras-related protein Rab-1B, YPT1 antibody.

**Form:** Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

**Immunogen:** Purified recombinant peptide derived from within residues 110 aa to the C-terminus of Rab1b produced in E. coli.

**Specificity:** Detects endogenous levels of Rab1b protein by Western blot in whole cell lysates and transfected cells with GFP-Rab1b cds.

**Reactivity:** Reacts with Human, Rat, Mouse, Monkey and Canine proteins

| Sample | WB | IHC (F) | IHC (P) | IF | ELISA |
|---|---|---|---|---|---|
| Human | +++ | +++ | +++ | ND | ND |
| Rat | +++ | +++ | +++ | ND | ND |
| Mouse | +++ | +++ | +++ | ND | ND |
| Canine | +++ | +++ | +++ | ND | ND |
| Monkey | +++ | +++ | +++ | ND | ND |

+++ excellent, ++ good, + poor, ND not determined

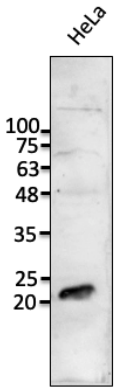
**Usage:**

| | |
|---|---|
| WB: | 1:500-1:5,000 |
| IHC (F): | 1:100-1:500 |

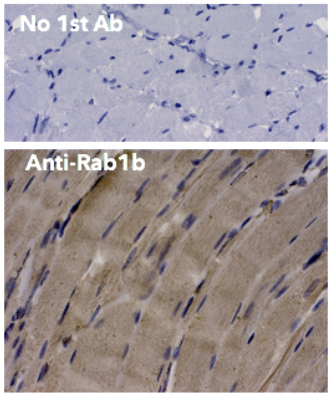
IHC (P): 1:100-1:500

**Storage:** Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

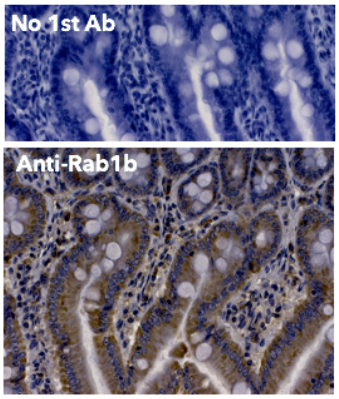
**Special instructions:** The antibody solution should be gently mixed before use. Avoid freeze/thaw cycles..



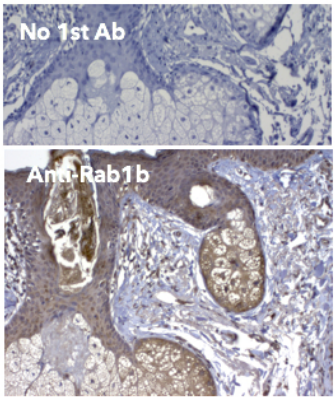

Anti-Rab1b Ab at 1/1,000 dilution; lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



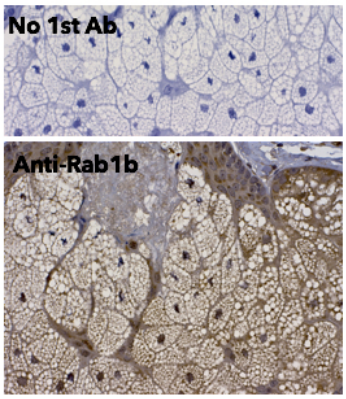

IHC of human muscle using anti-Rab1b antibody and FFPE tissue after heat-induced antigen retrieval. Anti-Rab1b Ab at 1:250/DAB detection.




IHC of mouse intestine using anti Rab1b antibody and FFPE tissue after heat-induced antigen retrieval. Anti-Rab1b Ab at 1:250/DAB detection.




IHC of human skin using anti-Rab1b antibody and FFPE tissue after heat-induced antigen retrieval. Anti-Rab1b Ab at 1:250/DAB detection.




IHC of human skin using anti-Rab1b antibody and FFPE tissue after heat-induced antigen retrieval. Anti-Rab1b Ab at 1:250/DAB detection.

For research use only, not for diagnostic use

**SICGEN's Proprietary Immunogen Policy**

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.