

## Rab 10 (PT1212R) PT™ Rabbit mAb

CatalogNo: YM9054 **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IF, IP, ELISA

#### MW

- 23kD (Calculated)
- 23kD (Observed)

#### Isotype

- IgG, Kappa

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

### Recommended Dilution Ratios

**WB 1:2000-1:10000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

### Basic Information

**Clonality** Monoclonal**Clone Number** PT1212R

### Immunogen Information

**Specificity** Endogenous

## Target Information

**Gene name** RAB10

**Protein Name** Ras-related protein Rab-10

Organism	Gene ID	UniProt ID
Human	<a href="#">10890</a> ;	<a href="#">P61026</a> ;
Mouse	<a href="#">19325</a> ;	<a href="#">P61027</a> ;

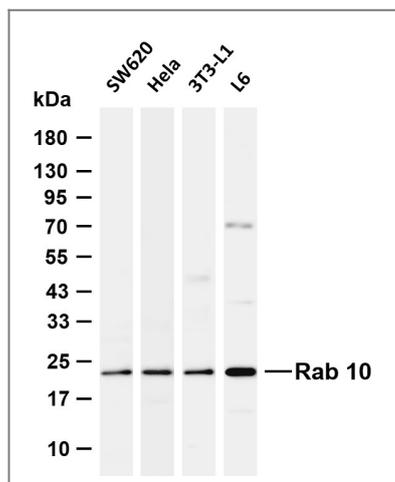
### Cellular Localization

Cytoplasmic vesicle membrane ; Lipid-anchor ; Cytoplasmic side . Golgi apparatus membrane . Golgi apparatus, trans-Golgi network membrane . Endosome membrane . Recycling endosome membrane . Cytoplasmic vesicle, phagosome membrane . Cytoplasm, cytoskeleton, cilium basal body . Endoplasmic reticulum membrane . Cytoplasm, perinuclear region . Associates with SLC2A4/GLUT4 storage vesicles (PubMed:22908308). Localizes to the base of the cilium when phosphorylated by LRRK2 on Thr-73 (PubMed:20576682, PubMed:30398148). Transiently associates with phagosomes (By similarity). Localizes to the endoplasmic reticulum at domains of new tubule growth (PubMed:23263280). .

**Tissue specificity** Expressed in the hippocampus (PubMed:29562525). Expressed in neutrophils (at protein level) (PubMed:29127255). Expressed in the testis (at protein level) (PubMed:28067790).

**Function** Function:May be involved in vesicular trafficking and neurotransmitter release.,similarity:Belongs to the small GTPase superfamily. Rab family.,

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Rab 10 (PT1212R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: SW620 Lane 2: HeLa Lane 3: 3T3-L1 Lane 4: L6 Predicted band size: 23kDa Observed band size: 23kDa

## Contact information

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**Rab 10 (PT1212R)**  
**PT™ Rabbit mAb**

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