

# Rab6b (14D18) Rat Monoclonal Antibody

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Catalog # AP93632

## Product Information

Application	WB
Primary Accession	<a href="#">P61294</a>
Reactivity	Rat, Mouse
Clonality	Monoclonal
Calculated MW	23462

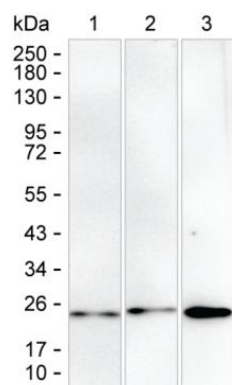
## Additional Information

Gene ID	270192
Other Names	Ras-related protein Rab-6B, 3.6.5.2, Rab6b, D9Bwg0185e
Dilution	WB~~1:1000
Storage Conditions	-20°C

## Protein Information

Name	Rab6b {ECO:0000312 MGI:MGI:107283}
Synonyms	D9Bwg0185e
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between active GTP-bound and inactive GDP-bound states. In their active state, drive transport of vesicular carriers from donor organelles to acceptor organelles to regulate the membrane traffic that maintains organelle identity and morphology. Recruits VPS13B to the Golgi membrane. Regulates the compacted morphology of the Golgi. Seems to have a role in retrograde membrane traffic at the level of the Golgi complex. May function in retrograde transport in neuronal cells. Plays a role in neuron projection development.
Cellular Location	Golgi apparatus membrane {ECO:0000250 UniProtKB:Q9NRW1}; Lipid-anchor. Endoplasmic reticulum-Golgi intermediate compartment {ECO:0000250 UniProtKB:Q9NRW1}. Cytoplasmic vesicle {ECO:0000250 UniProtKB:Q9NRW1}. Note=Colocalizes with BICD1 at vesicular structures that align along microtubules {ECO:0000250 UniProtKB:Q9NRW1}

## Images



Various protein samples were run on 6-18% SDS-PAGE under reducing conditions and blotted onto nitrocellulose membrane. AP93632 at 1 µg/mL was used as the primary antibody and peroxidase conjugated goat anti-rat IgG was used as the secondary antibody. Rab6b band was visualized using ECL Substrate. Lane 1: 15 µg of SH-SY5Y lysate Lane 2: 15 µg of mouse brain tissue lysate Lane 3: 15 µg of rat brain tissue lysate Result: AP93632 can detect Rab6b by Western blotting.

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