

## ARG64669 anti-RAB17 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes RAB17
Tested Reactivity	Ms
Predict Reactivity	Rat
Tested Application	WB
Specificity	Reported variants represent identical protein (NP_001153197.2; NP_033024.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RAB17
Species	Mouse
Immunogen	C-RKDSFHKAQQWLED
Conjugation	Un-conjugated
Alternate Names	Ras-related protein Rab-17

### Application Instructions

Application table	Application	Dilution
	WB	0.2 - 0.6 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

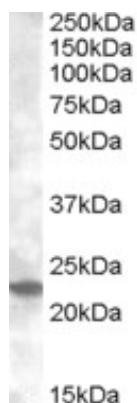
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links	<a href="#">GeneID: 19329 Mouse</a> <a href="#">Swiss-port # P35292 Mouse</a>
Gene Symbol	Rab17
Gene Full Name	RAB17, member RAS oncogene family
Background	The Rab subfamily of small GTPases plays an important role in the regulation of membrane trafficking. RAB17 is an epithelial cell-specific GTPase (Lutcke et al., 1993 [PubMed 8486736]).[supplied by OMIM, Oct 2009]
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 an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab is involved in transcytosis, the directed movement of endocytosed material through the cell and its exocytosis from the plasma membrane at the opposite side. Mainly observed in epithelial cells, transcytosis mediates for instance, the transcellular transport of immunoglobulins from the basolateral surface to the apical surface. Most probably controls membrane trafficking through apical recycling endosomes in a post-endocytic step of transcytosis. Required for melanosome transport and release from melanocytes, it also regulates dendrite and dendritic spine development. May also play a role in cell migration. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	23 kDa

## Images



ARG64669 anti-RAB17 antibody WB image

Western blot: Mouse Kidney lysate (35 µg protein in RIPA buffer) stained with ARG64669 anti-RAB17 antibody at 0.2 µg/ml dilution.