

## ARG42522 anti-RAB27B antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes RAB27B
Tested Reactivity	Hu, Ms, Rat, Dog, Mk
Tested Application	ICC/IF, IHC-Fr, IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RAB27B
Species	Mouse
Immunogen	Purified recombinant peptide within aa. 120 to the C-terminus of Mouse RAB27B.
Conjugation	Un-conjugated
Alternate Names	Ras-related protein Rab-27B; C25KG

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:250
	IHC-Fr	1:50 - 1:400
	IHC-P	1:50 - 1:400
	WB	1:250 - 1:2000
Application Note	IHC-P: Antigen Retrieval: Heat-induced. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	AtT-20 and Melan-ink	
Observed Size	~ 28 kDa	

### Properties

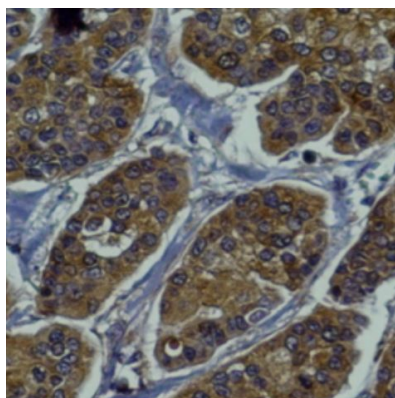
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.05% Sodium azide and 20% Glycerol.
Preservative	0.05% Sodium azide
Stabilizer	20% Glycerol
Concentration	3 mg/ml

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. 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

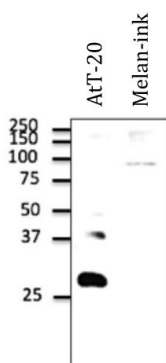
Gene Symbol	RAB27B
Gene Full Name	RAB27B, member RAS oncogene family
Background	Members of the Rab protein family, including RAB27B, are prenylated, membrane-bound proteins involved in vesicular fusion and trafficking (Chen et al., 1997 [PubMed 9066979]).[supplied by OMIM, Nov 2010]
Function	Small GTPase which cycles between active GTP-bound and inactive GDP-bound states. In its active state, binds to a variety of effector proteins to regulate homeostasis of late endocytic pathway, including endosomal positioning, maturation and secretion (PubMed:30771381). Plays a role in NTRK2/TRKB axonal anterograde transport by facilitating the association of NTRK2/TRKB with KLC1 (PubMed:21775604). May be involved in targeting uroplakins to urothelial apical membranes (By similarity). [UniProt]
Calculated Mw	25 kDa
Cellular Localization	Membrane; Lipid-anchor. [UniProt]

## Images



ARG42522 anti-RAB27B antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human mammary tissue. Antigen Retrieval: Heat-induced. The tissue section was stained with ARG42522 anti-RAB27B antibody at 1:200 dilution.



ARG42522 anti-RAB27B antibody WB image

Western blot: 100 µg of AtT-20 and Melan-ink cell lysates stained with ARG42522 anti-RAB27B antibody at 1:500 dilution.