

**ARG51436**  
**anti-RAB5 antibody**Package: 100 µl, 50 µl  
Store at: -20°C**Summary**

Product Description	Rabbit Polyclonal antibody recognizes RAB5
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RAB5
Species	Human
Immunogen	Peptide sequence around aa.188~192( N-P-G-A-N) derived from Human Rab5.
Conjugation	Un-conjugated
Alternate Names	Ras-related protein Rab-5A; RAB5

**Application Instructions**

Application table	Application	Dilution
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

**Properties**

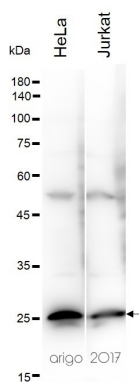
Form	Liquid
Purification	Antibodies were produced by immunizing rabbits with KLH-conjugated synthetic peptide. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Buffer	PBS (without Mg2+ and Ca2+, pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 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	RAB5A
Gene Full Name	RAB5A, member RAS oncogene family
Background	Required for the fusion of plasma membranes and early endosomes.
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 sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. RAB5A is required for the fusion of plasma membranes and early endosomes. Contributes to the regulation of filopodia extension. [UniProt]
Research Area	Controls and Markers antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	24 kDa

## Images

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ARG51436 anti-RAB5 antibody WB image

Western blot: 30 µg of HeLa and Jurkat cell lysates stained with ARG51436 anti-RAB5 antibody at 1:500 dilution.