

## Anti-RAB14 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to RAB14
<b>Model</b>	STJ193089
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, WB
<b>Gene ID</b>	<a href="#">51552</a>
<b>Gene Symbol</b>	<a href="#">RAB14</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	RAB14 Polyclonal Antibody detects endogenous levels of protein.
<b>Purification</b>	RAB14 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Ras-related protein Rab-14
<b>Molecular Weight</b>	23 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml

<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:16524OMIM:612673</a>
<b>Alternative Names</b>	Ras-related protein Rab-14
<b>Function</b>	Involved in membrane trafficking between the Golgi complex and endosomes during early embryonic development. Regulates the Golgi to endosome transport of FGFR-containing vesicles during early development, a key process for developing basement membrane and epiblast and primitive endoderm lineages during early postimplantation development. May act by modulating the kinesin KIF16B-cargo association to endosomes . Regulates, together with its guanine nucleotide exchange factor DENND6A, the specific endocytic transport of ADAM10, N-cadherin/CDH2 shedding and cell-cell adhesion.
<b>Cellular Localization</b>	Recycling endosome Early endosome membrane Golgi apparatus membrane Golgi apparatus, trans-Golgi network membrane Cytoplasmic vesicle, phagosome. Recruited to recycling endosomes by DENND6A . Recruited to phagosomes containing S.aureus or M.tuberculosis .

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