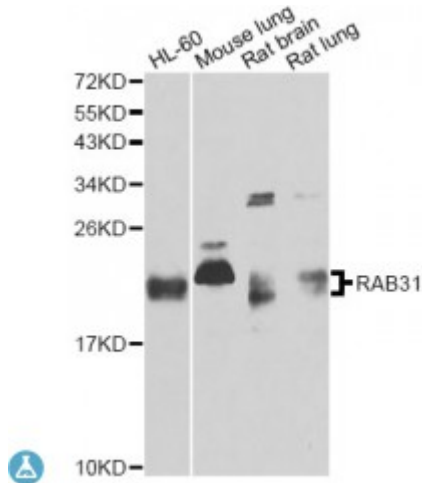


## Anti-RAB31 Antibody



<b>Model</b>	STJ116210
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	IF, WB
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-195 of human RAB31 (NP_006859.2).
<b>Gene ID</b>	<a href="#">11031</a>
<b>Gene Symbol</b>	<a href="#">RAB31</a>
<b>Dilution range</b>	WB 1:200 - 1:2000 IF 1:50 - 1:200
<b>Tissue Specificity</b>	Highest expression in placenta and brain with lower levels in heart and lung, Not detected in liver, skeletal muscle, kidney or pancreas
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Ras-related protein Rab-31 Ras-related protein Rab-22B
<b>Molecular Weight</b>	21.569 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage Instruction</b>	Store at -20C. Avoid freeze / thaw cycles.

<b>Database Links</b>	<a href="#">HGNC:9771OMIM:605694Reactome:R-HSA-6798695</a>
<b>Alternative Names</b>	Ras-related protein Rab-31 Ras-related protein Rab-22B
<b>Function</b>	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, Required for the integrity and for normal function of the Golgi apparatus and the trans-Golgi network, Plays a role in insulin-stimulated translocation of GLUT4 to the cell membrane, Plays a role in M6PR transport from the trans-Golgi network to endosomes, Plays a role in the internalization of EGFR from the cell membrane into endosomes, Plays a role in the maturation of phagosomes that engulf pathogens, such as S,aureus and M,tuberculosis,
<b>Cellular Localization</b>	Golgi apparatus, trans-Golgi network,

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