

Anti-RB39B antibody



Description	Unconjugated Rabbit polyclonal to RB39B
Model	STJ191284
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human RB39B protein.
Immunogen Region	80-160aa
Gene ID	116442
Gene Symbol	RAB39B
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	RB39B Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highly expressed in the brain.
Purification	RB39B antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Ras-related protein Rab-39B
Molecular Weight	23 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16499 OMIM:300271
Alternative Names	Ras-related protein Rab-39B
Function	Small GTPases Rab involved in autophagy . 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 . May regulate the homeostasis of SNCA/alpha-synuclein. Together with PICK1 proposed to ensure selectively GRIA2 exit from the endoplasmic reticulum to the Golgi and to regulate AMPAR composition at the post-synapses and thus synaptic transmission .
Cellular Localization	Cell membrane Cytoplasmic vesicle membrane Golgi apparatus. Partial colocalization with markers that cycle from the cell surface to the trans-Golgi network.

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