

Ralb Antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13952

Product Information

Application	WB
Primary Accession	Q9JIW9
Other Accession	NM_022327 , NP_071722
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23349

Additional Information

Gene ID	64143
Alias Symbol	5730472O18Rik
Other Names	Ras-related protein Ral-B, Ralb
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Ralb antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Ralb Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Ralb
Function	Multifunctional GTPase involved in a variety of cellular processes including gene expression, cell migration, cell proliferation, oncogenic transformation and membrane trafficking. Accomplishes its multiple functions by interacting with distinct downstream effectors. Acts as a GTP sensor for GTP-dependent exocytosis of dense core vesicles (By similarity). Required both to stabilize the assembly of the exocyst complex and to localize functional exocyst complexes to the leading edge of migrating cells (By similarity). Required for suppression of apoptosis (By similarity). In late stages of cytokinesis, upon completion of the bridge formation between dividing cells, mediates exocyst recruitment to the midbody to drive abscission (By similarity). Involved in ligand-dependent

receptor mediated endocytosis of the EGF and insulin receptors (By similarity).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P11234}; Lipid-anchor {ECO:0000250|UniProtKB:P11234}; Cytoplasmic side {ECO:0000250|UniProtKB:P11234}. Midbody {ECO:0000250|UniProtKB:P11234} Note=During late cytokinesis, enriched at the midbody {ECO:0000250|UniProtKB:P11234}

References

Zhao Z.,et al.Mech. Dev. 97:201-204(2000).
Carninci P.,et al.Science 309:1559-1563(2005).

Images



Host: Rabbit
Target Name: Ralb
Sample Tissue: Mouse Testis lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.