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RAB41 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15376

Product Information

Application	WB
Primary Accession	Q5JT25
Other Accession	NM_001032726, NP_001027898
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25038

Additional Information

Gene ID	347517
Other Names	Ras-related protein Rab-41, RAB41
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-RAB41 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	RAB41 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

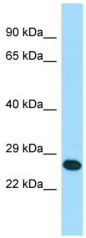
Name	RAB41 (HGNC:18293)
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (PubMed:23936529). RAB41 is required for normal Golgi ribbon organization and ER-to-Golgi trafficking (PubMed:23936529).
Cellular Location	Cytoplasm. Note=punctate localization concentrated in ruffled regions at the cell periphery
Tissue Location	Widely expressed in brain, testis, lung, heart, ovary, colon, kidney, uterus and

spleen but not in liver

References

Ross M.T.,et al.Nature 434:325-337(2005).
Guo J.H.,et al.DNA Seq. 14:431-435(2003).
Liu S.,et al.PLoS ONE 8:E71886-E71886(2013).

Images



WB Suggested Anti-RAB41 Antibody Titration: 1.0 µg/ml
Positive Control: MCF7 Whole Cell

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