

RAB41 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15376**Specification**

RAB41 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q5JT25
Other Accession	NM_001032726 , NP_001027898
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24kDa KDa

RAB41 Antibody - N-terminal region - 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.

RAB41 Antibody - N-terminal region - 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

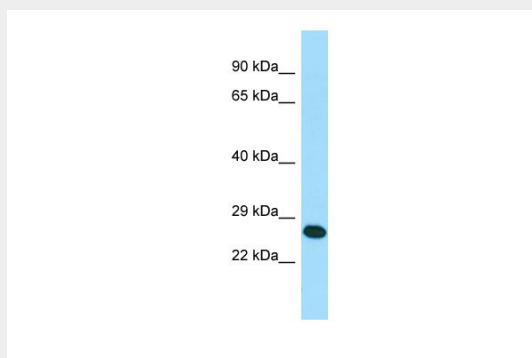
Tissue Location

Widely expressed in brain, testis, lung, heart, ovary, colon, kidney, uterus and spleen but not in liver

RAB41 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RAB41 Antibody - N-terminal region - Images

WB Suggested Anti-RAB41 Antibody Titration: 1.0 µg/ml

Positive Control: MCF7 Whole Cell

RAB41 Antibody - N-terminal region - 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).