

# RAB41 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15376

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q5JT25</a>
<b>Other Accession</b>	<a href="#">NM_001032726</a> , <a href="#">NP_001027898</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	25038

## Additional Information

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<b>Gene ID</b>	347517
<b>Other Names</b>	Ras-related protein Rab-41, RAB41
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	RAB41 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	RAB41 ( <a href="#">HGNC:18293</a> )
<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 sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (PubMed: <a href="#">23936529</a> ). RAB41 is required for normal Golgi ribbon organization and ER-to-Golgi trafficking (PubMed: <a href="#">23936529</a> ).
<b>Cellular Location</b>	Cytoplasm. Note=punctate localization concentrated in ruffled regions at the cell periphery
<b>Tissue Location</b>	Widely expressed in brain, testis, lung, heart, ovary, colon, kidney, uterus and

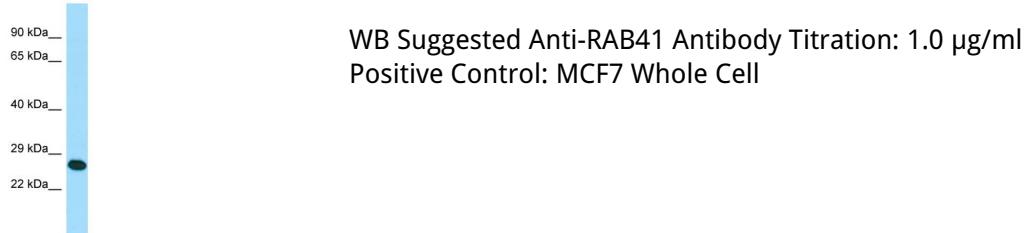
## References

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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

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