

**Rab 41 rabbit pAb****Cat#: orb768719 (Manual)**

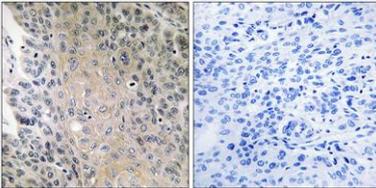
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<b>Product Name</b>	Rab 41 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RAB41. AA range:115-164
<b>Specificity</b>	Rab 41 Polyclonal Antibody detects endogenous levels of Rab 41 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Ras-related protein Rab-41
<b>Gene Name</b>	RAB41
<b>Cellular localization</b>	Cytoplasm . punctate localization concentrated in ruffled regions at the cell periphery.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	347517
<b>Human Swiss-Prot Number</b>	Q5JT25
<b>Alternative Names</b>	RAB41; Ras-related protein Rab-41

**Background**

This gene encodes a small GTP-binding protein that belongs to the largest family within the Ras superfamily. These proteins function as regulators of membrane trafficking. They cycle between inactive GDP-bound and activated GTP-bound states, which is controlled by GTP hydrolysis-activating proteins (GAPs). This family member can be activated by the GAP protein RN-Tre, and it is localized to the Golgi complex. [provided by RefSeq, May 2010],



**Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using RAB41 Antibody. The picture on the right is blocked with the synthesized peptide.**