

## Rab 41 Polyclonal Antibody

<b>Catalog No :</b>	YT3935
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	Rab 41
<b>Gene Name :</b>	RAB41
<b>Protein Name :</b>	Ras-related protein Rab-41
<b>Human Gene Id :</b>	347517
<b>Human Swiss Prot No :</b>	Q5JT25
<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>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	24kD
<b>Background :</b>	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],

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**Function :**

similarity:Belongs to the small GTPase superfamily. Rab family.,

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**Subcellular Location :**

Cytoplasm . punctate localization concentrated in ruffled regions at the cell periphery.

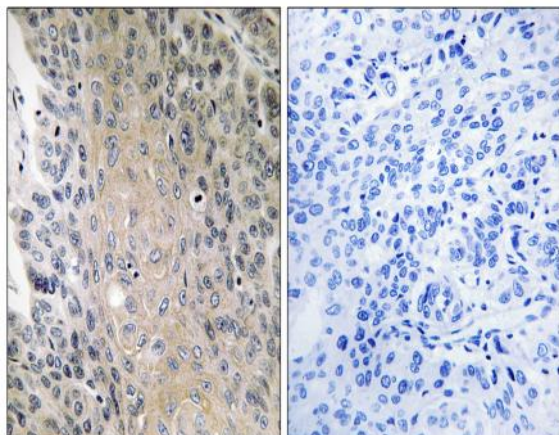
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**Expression :**

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

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## Products Images



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