

## **Rab 5C Polyclonal Antibody**

Catalog No: YT3936

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;IHC;IF;ELISA

Target: Rab 5C

Fields: >>Ras signaling pathway;>>Endocytosis;>>Phagosome;>>Vasopressin-

regulated water reabsorption;>>Salmonella infection;>>Amoebiasis;>>Tuberculosis

Gene Name: RAB5C

Protein Name: Ras-related protein Rab-5C

P51148

P35278

Human Gene Id: 5878

**Human Swiss Prot** 

No:

Mouse Gene ld: 19345

**Mouse Swiss Prot** 

No:

**Immunogen:** The antiserum was produced against synthesized peptide derived from human

RAB5C. AA range:122-171

**Specificity:** Rab 5C Polyclonal Antibody detects endogenous levels of Rab 5C protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.



**Concentration**: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 30kD

Cell Pathway: Endocytosis;

**Background:** Members of the Rab protein family are small GTPases of the Ras superfamily

that are thought to ensure fidelity in the process of docking and/or fusion of vesicles with their correct acceptor compartment (Han et al., 1996 [PubMed

8646882]).[supplied by OMIM, Nov 2010],

**Function:** function:Protein transport. Probably involved in vesicular

traffic., similarity:Belongs to the small GTPase superfamily. Rab family., subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to

stage IV., subunit: Binds EEA1.,

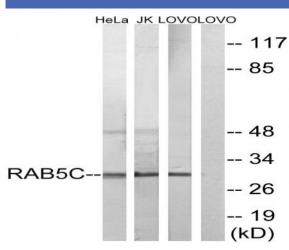
Subcellular Location:

Cell membrane; Lipid-anchor; Cytoplasmic side. Early endosome membrane; Lipid-anchor. Melanosome. Identified by mass spectrometry in melanosome

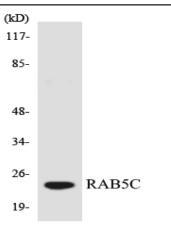
fractions from stage I to stage IV. .

**Expression :** Brain, Lung,

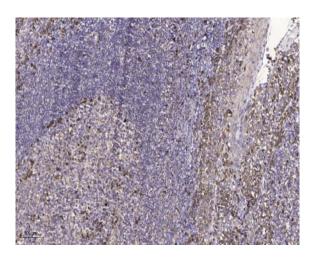
## **Products Images**



Western blot analysis of lysates from LOVO, HeLa, and Jurkat cells, using RAB5C Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using RAB5C antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).