

Rab 5A Rabbit pAb

CatalogNo: YT5456

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 24kD (Observed)

Isotype

- IgG

Storage

Storage*

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

Formulation

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

Recommended Dilution Ratios

WB 1:500-1:2000

IHC: 1:100-1:300

ELISA 1:20000

IF 1:50-200

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the Internal region of human RAB5A. AA range:71-120

Specificity

Rab 5A Polyclonal Antibody detects endogenous levels of Rab 5A protein.

Target Information

Gene name	RAB5A		
Protein Name	Ras-related protein Rab-5A		
	Organism	Gene ID	UniProt ID
	Human	5868;	P20339;
	Mouse	271457;	Q9CQD1;
Cellular Localization	Cell membrane ; Lipid-anchor ; Cytoplasmic side . Early endosome membrane ; Lipid-anchor . Melanosome . Cytoplasmic vesicle . Cell projection , ruffle . Membrane . Cytoplasm , cytosol . Cytoplasmic vesicle , phagosome membrane . Endosome membrane . Enriched in stage I melanosomes (PubMed:17081065) . Alternates between membrane-bound and cytosolic forms (Probable) . .		
Tissue specificity	Brain ,Cervix ,Cervix carcinoma ,Placenta ,		
Function	enzyme regulation:Regulated by guanine nucleotide exchange factors (GEFs) which promote the exchange of bound GDP for free GTP. ,Function:Required for the fusion of plasma membranes and early endosomes. ,similarity:Belongs to the small GTPase superfamily. Rab family. ,subcellular location:Enriched in stage I melanosomes. ,subunit:Binds EEA1. Interacts with RIN1 and GAPVD1 , which regulate its pathway , probably by acting as a GEF. Interacts with ALS2CL , UNC84B , ZFYVE20 and RUFY1. Interacts with SGSM1 and SGSM3. ,		

Validation Data

Contact information

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Rab 5A Rabbit pAb

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