

## Rabbit Anti-TBC1D10A/Cy5.5 Conjugated antibody

SL4464R-Cy5.5

<b>Product Name</b>	Anti-TBC1D10A/Cy5.5
<b>Chinese Name</b>	Cy5.5 标记的 TBC 结构域 TB10A 蛋白抗体
<b>Alias</b>	dJ130H16.1; dJ130H16.2; EBP50 PDZ interactor of 64 kD; EBP50-PDX interactor of 64 kDa; EPI 64; EPI64; EPI64 protein; Rab27A-GAP-alpha; TB10A_HUMAN; TBC1 domain family member 10A; TBC1D10; TBC1D10A.
<b>Research Area</b>	Cell biology Signal transduction G protein signal
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted:Human,Mouse,Rat,Dog,Rabbit)
<b>Applications</b>	ICC/IF=1:50-200,IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	57kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human TBC1D10A
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Product Detail</b>	<b>background:</b> TBC1D10A (TBC1 Domain Family Member 10A) is a Protein Coding gene. Among its related pathways are Vesicle-mediated transport and TBC/RABGAPs. GO annotations related to this gene include GTPase

activator activity and PDZ domain binding. An important paralog of this gene is TBC1D10B.

**Function:**

Acts as GTPase-activating protein for RAB27A, but not for RAB2A, RAB3A, nor RAB4A.

**Subcellular Location:**

Cell projection > microvillus. Localizes to the microvilli-rich region of the syncytiotrophoblast. In melanocytes, located at the periphery of cells.

**Post-translational modifications:**

Exists in both phosphorylated and non-phosphorylated state.

**Similarity:**

Contains 1 Rab-GAP TBC domain.

**Database links:**

[Entrez Gene: 83874](#) Human

[Entrez Gene: 103724](#) Mouse

[Entrez Gene: 360968](#) Rat

[Omim: 610020](#) Human

[SwissProt: Q9BXI6](#) Human

[SwissProt: P58802](#) Mouse

[Unigene: 655273](#) Human

[Unigene: 28140](#) Mouse

[Unigene: 105859](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.