

# TBC1D10A Rabbit pAb

TBC1D10A Rabbit pAb

Catalog # AP58219

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">Q9BXI6</a>
<b>Predicted</b>	Human, Mouse, Rat, Dog, Rabbit
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	57118
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human TBC1D10A
<b>Epitope Specificity</b>	1-100/508
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cell projection > microvillus. Localizes to the microvilli-rich region of the syncytiotrophoblast. In melanocytes, located at the periphery of cells. Contains 1 Rab-GAP TBC domain. Exists in both phosphorylated and non-phosphorylated state.
<b>SIMILARITY</b>	
<b>Post-translational modifications</b>	
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</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.

## Additional Information

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<b>Gene ID</b>	83874
<b>Other Names</b>	TBC1 domain family member 10A, EBP50-PDX interactor of 64 kDa, EPI64 protein, Rab27A-GAP-alpha, TBC1D10A, EPI64, TBC1D10
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

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<b>Name</b>	TBC1D10A
<b>Synonyms</b>	EPI64, TBC1D10
<b>Function</b>	GTPase-activating protein (GAP) specific for RAB27A and RAB35 (PubMed: <a href="#">16923811</a> , PubMed: <a href="#">30905672</a> ). Does not show GAP activity for RAB2A, RAB3A and RAB4A (PubMed: <a href="#">16923811</a> ).
<b>Cellular Location</b>	Cell projection, microvillus. Note=Localizes to the microvilli-rich region of the syncytiotrophoblast. In melanocytes, located at the periphery of cells

## Background

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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.

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