

TBC1D10A Rabbit pAb

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Catalog # AP58219

Product Information

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

Gene ID	83874
Other Names	TBC1 domain family member 10A, EBP50-PDX interactor of 64 kDa, EPI64 protein, Rab27A-GAP-alpha, TBC1D10A, EPI64, TBC1D10
Dilution	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
Storage	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

Name	TBC1D10A
Synonyms	EPI64, TBC1D10
Function	GTPase-activating protein (GAP) specific for RAB27A and RAB35 (PubMed: 16923811 , PubMed: 30905672). Does not show GAP activity for RAB2A, RAB3A and RAB4A (PubMed: 16923811).
Cellular Location	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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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.