

Rabbit anti-Human TBC1D10B Polyclonal Antibody | anti-TBC1D10B antibody

TBC1D10B Antibody (C-term)

CATALOG # AAA289068	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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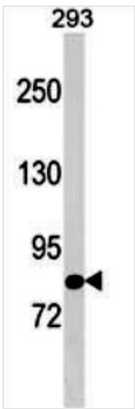
PRODUCT SYNONYMS

TBC1D10B; Polyclonal Antibody; TBC1D10B Antibody (C-term); TBC1 domain family member 10B; Rab27A-GAP-beta; anti-TBC1D10B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TBC1D10B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 781-808 amino acids from the C-terminal region of human TBC1D10B.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	781-808
Sequence Length	233
Applicable Applications for anti-TBC1D10B antibody	ELISA, WB (Western Blot)
Function	Acts as GTPase-activating protein for RAB3A, RAB22A, RAB27A, AND RAB35. Does not act on RAB2A and RAB6A.
Cellular Location	Cytoplasm. Note=In melanocytes, located at the periphery of cells
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
TBC1D10B Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the TBC1D10B antibody detected the TBC1D10B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TBC1D10B antibody	Small G proteins of the RAB family (Please inquire) function in intracellular vesicle trafficking by switching from the GTP-bound state to the GDP-bound state with the assistance of guanine nucleotide exchange factors (Please inquire) and GTPase-activating proteins (GAPs). TBC1D10B functions as a GAP for several proteins of the Rab family (Ishibashi et al., 2009 [PubMed 19077034]).
Product Categories/Family for anti-TBC1D10B antibody	Signal Transduction
References	Ishibashi, K., et al. Genes Cells 14(1):41-52(2009) Choy, K.W., et al. Physiol. Genomics 25(1):9-15(2006) Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614488
NCBI GeneID	26000
NCBI Accession #	NP_056342.3
NCBI GenBank Nucleotide #	NM_015527.3
UniProt Accession #	Q4KMP7 ; Q6IN54 ; Q6P530 ; Q71RG7 ; Q86VC5 ; Q9H8Z2 ; Q9NUN6 ; Q9UFP2 ; B9A6L0
Molecular Weight	87199
NCBI Official Full Name	TBC1 domain family member 10B
NCBI Official Synonym Full Names	TBC1 domain family, member 10B
NCBI Official Symbol	TBC1D10B
NCBI Official Synonym Symbols	EPI64B; FP2461
NCBI Protein Information	TBC1 domain family member 10B
UniProt Protein Name	TBC1 domain family member 10B
UniProt Gene Name	TBC1D10B
UniProt Entry Name	TB10B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tbc1d10b-antibody-western-blot-elisa/289068>