

TBC1D10A Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19082c**Specification**

TBC1D10A Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9BXI6
Other Accession	P58802 , NP_114143.1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57118
Antigen Region	239-267

TBC1D10A Antibody (Center) - 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

Target/Specificity

This TBC1D10A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 239-267 amino acids from the Central region of human TBC1D10A.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TBC1D10A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TBC1D10A Antibody (Center) - 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

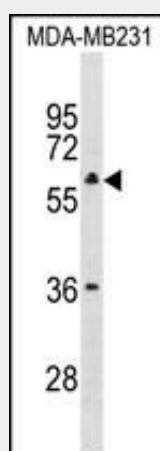
Cell projection, microvillus. Note=Localizes to the microvilli-rich region of the syncytiotrophoblast. In melanocytes, located at the periphery of cells

TBC1D10A Antibody (Center) - Protocols

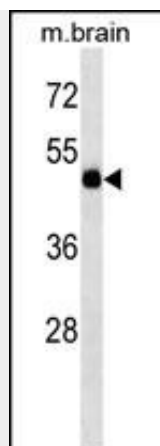
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TBC1D10A Antibody (Center) - Images



TBC1D10A Antibody (Center) (Cat. #AP19082c) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the TBC1D10A antibody detected the TBC1D10A protein (arrow).



TBC1D10A Antibody (Center) (Cat. #AP19082c) western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the TBC1D10A antibody detected the TBC1D10A protein (arrow).

TBC1D10A Antibody (Center) - Background

TBC1D10A acts as GTPase-activating protein for RAB27A, but not for RAB2A, RAB3A, nor RAB4A.

TBC1D10A Antibody (Center) - References

- Gao, Y., et al. J. Biol. Chem. 285(23):17938-17953(2010)
- Ishibashi, K., et al. Genes Cells 14(1):41-52(2009)
- Patino-Lopez, G., et al. J. Biol. Chem. 283(26):18323-18330(2008)
- Hanono, A., et al. J. Cell Biol. 175(5):803-813(2006)
- Itoh, T., et al. J. Biol. Chem. 281(42):31823-31831(2006)