

TBC1D13 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11876c

Specification

TBC1D13 Antibody (Center) - Product Information

Application	WB, IF, IHC-P,E
Primary Accession	Q9NVG8
Other Accession	NP_060671
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	46554
Antigen Region	76-105

TBC1D13 Antibody (Center) - Additional Information

Gene ID 54662

Other Names

TBC1 domain family member 13, TBC1D13

Target/Specificity

This TBC1D13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 76-105 amino acids from the Central region of human TBC1D13.

Dilution

WB~~1:1000
IF~~1:10~50
IHC-P~~1:50~100

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

TBC1D13 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TBC1D13 Antibody (Center) - Protein Information

Name TBC1D13

Function Acts as a GTPase-activating protein for RAB35. Together with RAB35 may be involved in regulation of insulin-induced glucose transporter SLC2A4/GLUT4 translocation to the plasma membrane in adipocytes.

Cellular Location

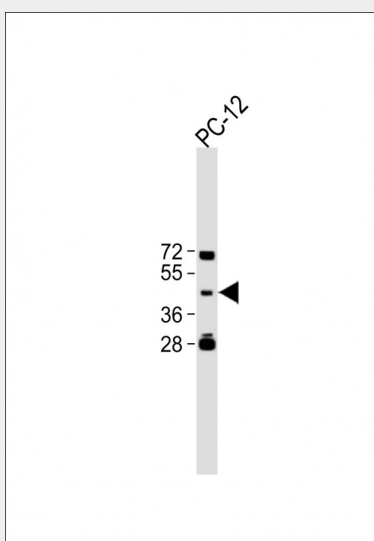
Membrane {ECO:0000250|UniProtKB:Q8R3D1}. Cytoplasm {ECO:0000250|UniProtKB:Q8R3D1}

TBC1D13 Antibody (Center) - Protocols

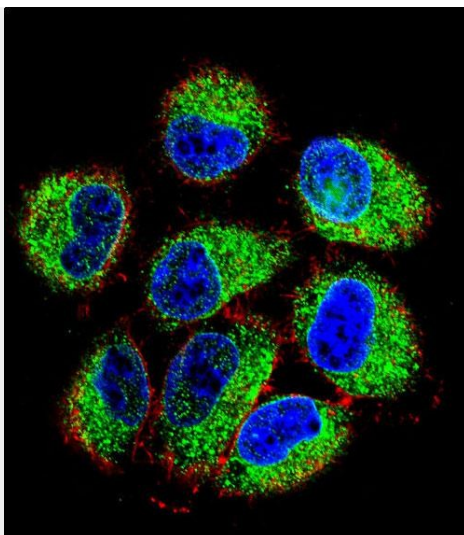
Provided below are standard protocols that you may find useful for product applications.

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

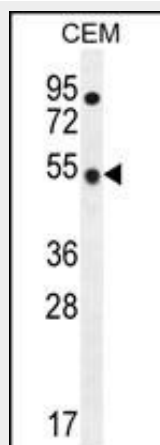
TBC1D13 Antibody (Center) - Images



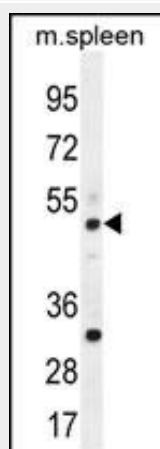
All lanes : Anti-TBC1D13 Antibody (Center) at 1:500 dilution Lane 1:PC-12 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 47kDa Blocking/Dilution buffer: 5% NFDm/TBST.



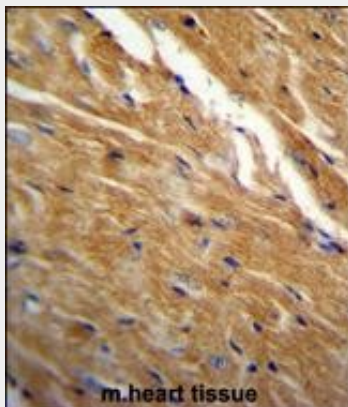
Confocal immunofluorescent analysis of TBC1D13 Antibody (Center)(Cat#AP11876c) with NCI-H460 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



TBC1D13 Antibody (Center) (Cat. #AP11876c) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the TBC1D13 antibody detected the TBC1D13 protein (arrow).



TBC1D13 Antibody (Center) (Cat. #AP11876c) western blot analysis in mouse spleen tissue lysates (35ug/lane). This demonstrates the TBC1D13 antibody detected the TBC1D13 protein (arrow).



TBC1D13 Antibody (Center) (Cat. #AP11876c) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TBC1D13 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

TBC1D13 Antibody (Center) - Background

TBC1D13 may act as a GTPase-activating protein for Rab family protein(s).

TBC1D13 Antibody (Center) - References

Ishibashi, K., et al. Genes Cells 14(1):41-52(2009)