

RAB40A Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17918c

Specification

RAB40A Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8WXH6
Other Accession	P0C0E4 , NP_543155.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31076
Antigen Region	91-118

RAB40A Antibody (Center) - Additional Information

Gene ID 142684

Other Names

Ras-related protein Rab-40A, SOCS box-containing protein RAR2A, Protein Rar-2, RAB40A

Target/Specificity

This RAB40A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 91-118 amino acids from the Central region of human RAB40A.

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

RAB40A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

RAB40A Antibody (Center) - Protein Information

Name RAB40A ([HGNC:18283](#))

Function RAB40A small GTPase acts as substrate-recognition component of the ECS(RAB40A) E3

ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed:[26598620](#)). The Rab40 subfamily belongs to the Rab family that are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). As part of the ECS(RAB40A) complex, mediates RHOU 'Lys-48'-linked ubiquitination and degradation, thus inhibiting focal adhesion disassembly during cell migration (PubMed:[26598620](#)).

Cellular Location

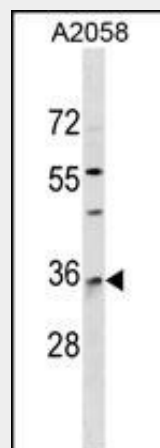
Cell membrane; Lipid-anchor; Cytoplasmic side

RAB40A 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](#)

RAB40A Antibody (Center) - Images



RAB40A Antibody (Center) (Cat. #AP17918c) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the RAB40A antibody detected the RAB40A protein (arrow).

RAB40A Antibody (Center) - Background

This gene encodes a member of the Rab40 subfamily of Rab small GTP-binding proteins that contains a C-terminal suppressors of cytokine signaling box.

RAB40A Antibody (Center) - References

Itoh, T., et al. Genes Cells 11(9):1023-1037(2006)

Fukuda, M. J. Biol. Chem. 278(17):15373-15380(2003)
Kile, B.T., et al. Trends Biochem. Sci. 27(5):235-241(2002)
Kuroda, T.S., et al. J. Biol. Chem. 277(11):9212-9218(2002)
Pereira-Leal, J.B., et al. J. Mol. Biol. 313(4):889-901(2001)