

RAB40C Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18572c**Specification**

RAB40C Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O96S21](#)**RAB40C Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 57799

Other Names

Ras-related protein Rab-40C, Rar-like protein, Ras-like protein family member 8C, SOCS box-containing protein RAR3, RAB40C, RARL, RASL8C

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RAB40C Antibody (Center) Blocking Peptide - Protein InformationName RAB40C ([HGNC:18285](#))

Synonyms RARL, RASL8C

Function

RAB40C small GTPase acts as substrate-recognition component of the ECS(RAB40C) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (PubMed: [15601820](http://www.uniprot.org/citations/15601820), PubMed: [35512830](http://www.uniprot.org/citations/35512830)). 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 (PubMed: [29156729](http://www.uniprot.org/citations/29156729)). As part of the ECS(RAB40C) complex, mediates ANKRD28 ubiquitination and degradation, thereby inhibiting protein phosphatase 6 (PP6) complex activity and focal adhesion assembly during cell migration (PubMed: [35512830](http://www.uniprot.org/citations/35512830)). Also negatively regulate lipid droplets accumulation in a GTP-dependent manner (PubMed: [29156729](http://www.uniprot.org/citations/29156729)).

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side. Cytoplasm, cytosol. Golgi apparatus membrane.
Note=Mostly localized in the cytosol and also with actin ruffles.

RAB40C Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RAB40C Antibody (Center) Blocking Peptide - Images**RAB40C Antibody (Center) Blocking Peptide - Background**

Probable substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.

RAB40C Antibody (Center) Blocking Peptide - References

Ng, E.L., et al. Brain Res Rev 58(1):236-246(2008) Lettre, G., et al. Nat. Genet. 40(5):584-591(2008) Martin, J., et al. Nature 432(7020):988-994(2004) Kile, B.T., et al. Trends Biochem. Sci. 27(5):235-241(2002) Pereira-Leal, J.B., et al. J. Mol. Biol. 313(4):889-901(2001)