

SAR1A Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6915c**Specification**

SAR1A Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9NR31](#)**SAR1A Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 56681**Other Names**

GTP-binding protein SAR1a, COPII-associated small GTPase, SAR1A, SAR1, SARA, SARA1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6915c](/products/AP6915c) was selected from the Center region of human SAR1A. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

SAR1A Antibody (Center) Blocking Peptide - Protein Information**Name** SAR1A**Synonyms** SAR1, SARA, SARA1**Function**

Involved in transport from the endoplasmic reticulum to the Golgi apparatus (By similarity). Required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining endoplasmic reticulum exit sites (ERES).

Cellular Location

Endoplasmic reticulum. Golgi apparatus

SAR1A Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SAR1A Antibody (Center) Blocking Peptide - Images

SAR1A Antibody (Center) Blocking Peptide - Background

SAR1A is involved in transport from the endoplasmic reticulum to the Golgi apparatus (By similarity) and required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining endoplasmic reticulum exit sites (ERES).

SAR1A Antibody (Center) Blocking Peptide - References

Morgan,A.R., et.al., Am. J. Med. Genet. B Neuropsychiatr. Genet. 144B (6), 762-770(2007)