

ACN9 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11049a**Specification**

ACN9 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O9NRP4](#)
Other Accession [NP_064571.1](#)

ACN9 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 57001

Other Names

Succinate dehydrogenase assembly factor 3, mitochondrial, ACN9 (HGNC:21752)

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.

ACN9 Antibody (N-term) Blocking peptide - Protein Information

Name SDHAF3 ([HGNC:21752](#))

Function

Plays an essential role in the assembly of succinate dehydrogenase (SDH), an enzyme complex (also referred to as respiratory complex II) that is a component of both the tricarboxylic acid (TCA) cycle and the mitochondrial electron transport chain, and which couples the oxidation of succinate to fumarate with the reduction of ubiquinone (coenzyme Q) to ubiquinol. Promotes maturation of the iron-sulfur protein subunit SDHB of the SDH catalytic dimer, protecting it from the deleterious effects of oxidants. May act together with SDHAF1.

Cellular Location

Mitochondrion matrix {ECO:0000250|UniProtKB:Q04401}

ACN9 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ACN9 Antibody (N-term) Blocking peptide - Images**ACN9 Antibody (N-term) Blocking peptide - References**

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Dick, D.M., et al. Biol. Psychiatry 63(11):1047-1053(2008)Dennis, R.A., et al. Eur. J. Biochem. 261(1):236-243(1999)