

C11orf79 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10899b**Specification**

C11orf79 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9NX18](#)**C11orf79 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 54949**Other Names**

Succinate dehydrogenase assembly factor 2, mitochondrial
{ECO:0000255|HAMAP-Rule:MF_03057}, SDH assembly factor 2
{ECO:0000255|HAMAP-Rule:MF_03057}, SDHAF2 {ECO:0000255|HAMAP-Rule:MF_03057},
SDHAF2 {ECO:0000255|HAMAP-Rule:MF_03057}

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.

C11orf79 Antibody (C-term) Blocking peptide - Protein Information**Name** SDHAF2 {ECO:0000255|HAMAP-Rule:MF_03057}**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. Required for flavinylation (covalent attachment of FAD) of the flavoprotein subunit SDHA of the SDH catalytic dimer.

Cellular Location

Mitochondrion matrix {ECO:0000255|HAMAP- Rule:MF_03057, ECO:0000269|PubMed:19628817}

C11orf79 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C11orf79 Antibody (C-term) Blocking peptide - Images

C11orf79 Antibody (C-term) Blocking peptide - Background

This gene encodes a mitochondrial protein needed for the flavination of a succinate dehydrogenase complex subunit required for activity of the complex. Mutations in this gene are associated with paraganglioma.

C11orf79 Antibody (C-term) Blocking peptide - References

Bayley, J.P., et al. Lancet Oncol. 11(4):366-372(2010) Gaal, J., et al. J. Clin. Endocrinol. Metab. 95(3):1274-1278(2010) Hao, H.X., et al. Science 325(5944):1139-1142(2009) Stelzl, U., et al. Cell 122(6):957-968(2005) Baysal, B.E., et al. Am. J. Hum. Genet. 60(1):121-132(1997)