

NDUFAF4 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12985a**Specification**

NDUFAF4 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q9P032](#)**NDUFAF4 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 29078**Other Names**

NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4, Hormone-regulated proliferation-associated protein of 20 kDa, NDUFAF4, C6orf66, HRPAP20

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.

NDUFAF4 Antibody (N-term) Blocking peptide - Protein Information**Name** NDUFAF4 ([HGNC:21034](#))**Function**

Involved in the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I) (PubMed:18179882, PubMed:28853723). May be involved in cell proliferation and survival of hormone-dependent tumor cells. May be a regulator of breast tumor cell invasion.

Cellular Location

Mitochondrion. Membrane; Lipid-anchor

NDUFAF4 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

NDUFAF4 Antibody (N-term) Blocking peptide - Images

NDUFAF4 Antibody (N-term) Blocking peptide - Background

NADH:ubiquinone oxidoreductase (complex I) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. This gene encodes a complex I assembly factor. Mutations in this gene are a cause of mitochondrial complex I deficiency. [provided by RefSeq].

NDUFAF4 Antibody (N-term) Blocking peptide - References

Saada, A., et al. Am. J. Hum. Genet. 84(6):718-727(2009) Zimmermann, F.A., et al. Br. J. Cancer 100(9):1434-1437(2009) Saada, A., et al. Am. J. Hum. Genet. 82(1):32-38(2008) Tozlu-Kara, S., et al. J. Mol. Endocrinol. 39(4):305-318(2007) Karp, C.M., et al. Oncogene 26(12):1780-1788(2007)