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NDUFAF4 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP12985a

Specification

NDUFAF4 Antibody (N-term) Blocking peptide - Product Information

Primary 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

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NDUFAF4 Antibody (N-term) Blocking peptide - Background

NADH:ubiquinone oxidoreductase (complex I) catalyzes thetransfer of electrons from NADH to ubiquinone (coenzyme Q) in thefirst step of the mitochondrial respiratory chain, resulting in thetranslocation of protons across the inner mitochondrial membrane.This gene encodes a complex I assembly factor. Mutations in thisgene are a cause of mitochondrial complex I deficiency. [providedby 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)