

NDUFAF2 / NDUFA12L Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13781**Specification**

NDUFAF2 / NDUFA12L Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q8N183
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20kDa KDa

NDUFAF2 / NDUFA12L Antibody (C-Terminus) - Additional Information**Gene ID** 91942**Other Names**

Mimitin, mitochondrial, B17.2-like, B17.2L, Myc-induced mitochondrial protein, MMTN, NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 2, NDUFA12-like protein, NDUFAF2, NDUFA12L

Target/Specificity

Human NDUFAF2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

NDUFAF2 / NDUFA12L Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFAF2 / NDUFA12L Antibody (C-Terminus) - Protein Information**Name** NDUFAF2**Synonyms** NDUFA12L**Function**

Acts as a molecular chaperone for mitochondrial complex I assembly (PubMed:16200211, PubMed:19384974). Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (PubMed:16200211, PubMed:27626371).

Cellular Location

Mitochondrion.

Tissue Location

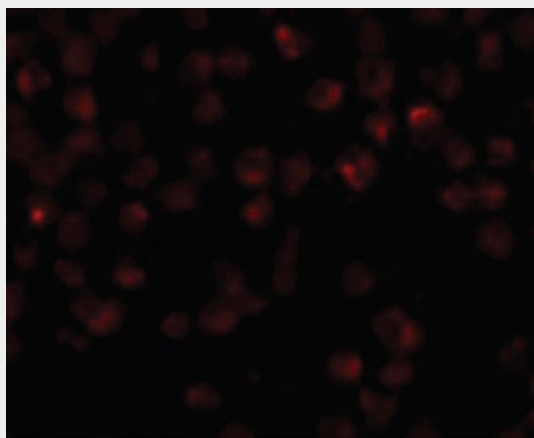
Highly expressed in ESCC cells. Also expressed in heart, skeletal muscle, liver, and in fibroblasts

NDUFAF2 / NDUFA12L Antibody (C-Terminus) - Protocols

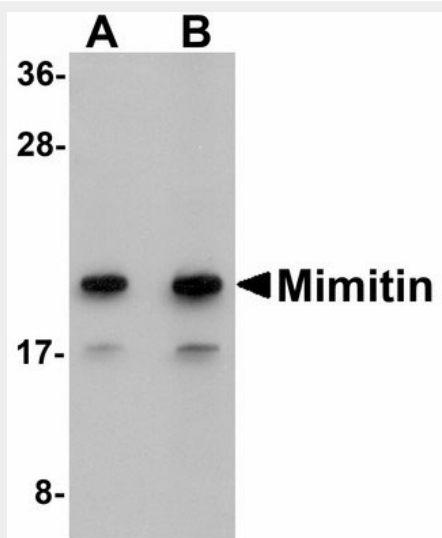
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

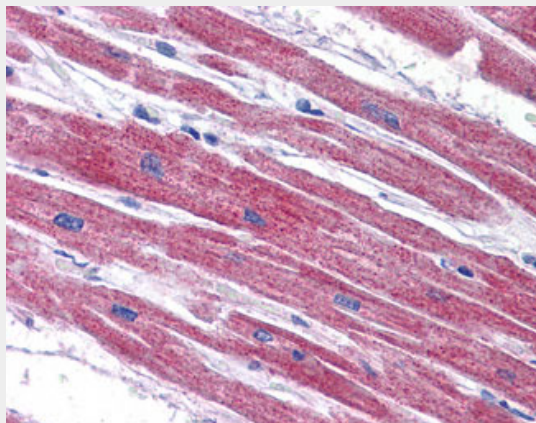
NDUFAF2 / NDUFA12L Antibody (C-Terminus) - Images



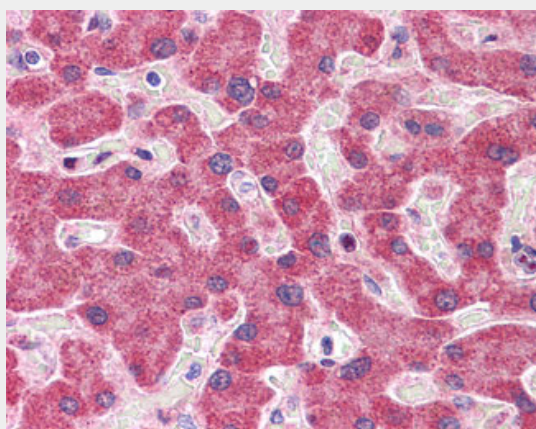
Immunofluorescence of Mimitin in Raji cells with Mimitin antibody at 20 ug/ml.



Western blot of Mimitin in Raji cell lysate with Mimitin antibody at (A) 1 and (B) 2 ug/ml.



Anti-NDUFAF2 antibody IHC of human heart.



Anti-NDUFAF2 antibody IHC of human liver.

NDUFAF2 / NDUFA12L Antibody (C-Terminus) - Background

Acts as a molecular chaperone for mitochondrial complex I assembly.

NDUFAF2 / NDUFA12L Antibody (C-Terminus) - References

- Tsuneoka M.,et al.J. Biol. Chem. 280:19977-19985(2005).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Ogilvie I.,et al.J. Clin. Invest. 115:2784-2792(2005).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).