

**NDUFAF2 Antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI15288****Specification**

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**NDUFAF2 Antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q8N183</a>
Other Accession	<a href="#">NM_174889</a> , <a href="#">NP_777549</a>
Reactivity	Human, Mouse, Rabbit, Horse, Bovine, Dog
Predicted	Human, Mouse, Rabbit, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20kDa KDa

**NDUFAF2 Antibody - N-terminal region - Additional Information****Gene ID** 91942**Alias Symbol** B17.2L, FLJ22398, MMTN, NDUFA12L, mimitin**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

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-NDUFAF2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

NDUFAF2 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**NDUFAF2 Antibody - N-terminal region - Protein Information****Name** NDUFAF2**Synonyms** NDUFA12L**Function**

Acts as a molecular chaperone for mitochondrial complex I assembly (PubMed:&lt;a href="http://www.uniprot.org/citations/16200211" target="\_blank"&gt;16200211&lt;/a&gt;, PubMed:&lt;a href="http://www.uniprot.org/citations/19384974" target="\_blank"&gt;19384974&lt;/a&gt;). 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:<a href="http://www.uniprot.org/citations/16200211" target="\_blank">16200211</a>, PubMed:<a href="http://www.uniprot.org/citations/27626371" target="\_blank">27626371</a>).

#### Cellular Location

Mitochondrion.

#### Tissue Location

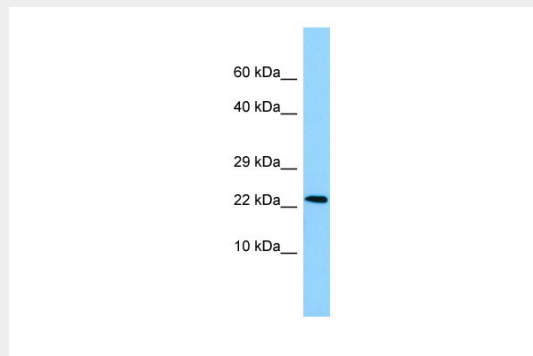
Highly expressed in ESCC cells. Also expressed in heart, skeletal muscle, liver, and in fibroblasts

### NDUFAF2 Antibody - N-terminal region - 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 Antibody - N-terminal region - Images



WB Suggested Anti-NDUFAF2 Antibody Titration: 1.0 µg/ml  
Positive Control: MCF7 Whole Cell

### NDUFAF2 Antibody - N-terminal region - 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).