

**ARG40142**  
**anti-NDUFB3 antibody**Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NDUFB3
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NDUFB3
Species	Human
Immunogen	KLH-conjugated synthetic peptide between aa. 13-45 of Human NDUFB3.
Conjugation	Un-conjugated
Alternate Names	Complex I-B12; NADH-ubiquinone oxidoreductase B12 subunit; B12; CI-B12; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3

### Application Instructions

Application table	Application	Dilution
	WB	1:8000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	

### Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	NDUFB3
Gene Full Name	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa
Background	This gene encodes an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which is the first enzyme in the electron transport chain of mitochondria. This protein localizes to the inner membrane of the mitochondrion as a single-pass membrane protein. Mutations in this gene contribute to mitochondrial complex 1 deficiency. Alternative splicing results in multiple transcript variants encoding the same protein. Humans have multiple pseudogenes of this gene. [provided by RefSeq, Mar 2012]
Function	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. 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. [UniProt]
Calculated Mw	11 kDa
Cellular Localization	Mitochondrion inner membrane; Single-pass membrane protein; Matrix side. [UniProt]

## Images

---



ARG40142 anti-NDUFB3 antibody WB image

Western blot: 20 µg of HeLa whole cell lysate stained with ARG40142 anti-NDUFB3 antibody at 1:2000 dilution.