

NDUFS8 Antibody (Internal region)
Peptide-affinity purified goat antibody
Catalog # AF3268a**Specification****NDUFS8 Antibody (Internal region) - Product Information**

Application	WB
Primary Accession	O00217
Other Accession	NP_002487.1 , 4728 , 225887 (mouse) , 293652 (rat)
Reactivity	Human, Mouse
Predicted	Rat, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	23705

NDUFS8 Antibody (Internal region) - Additional Information**Gene ID** 4728**Other Names**

NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial, 1.6.5.3, 1.6.99.3, Complex I-23kD, CI-23kD, NADH-ubiquinone oxidoreductase 23 kDa subunit, TYKY subunit, NDUFS8

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NDUFS8 Antibody (Internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFS8 Antibody (Internal region) - Protein Information**Name** NDUFS8**Function**

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor (PubMed:22499348). Essential for the catalytic activity and assembly of complex I (PubMed:22499348).

Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P42028}; Matrix side {ECO:0000250|UniProtKB:P42028}

Tissue Location

Expressed in all tissues with the highest level in heart and skeletal muscle and the lowest level in lung

NDUFS8 Antibody (Internal 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](#)

NDUFS8 Antibody (Internal region) - Images

AF3268a (0.1 µg/ml) staining of Mouse Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NDUFS8 Antibody (Internal region) - References

Association study between single-nucleotide polymorphisms in 199 drug-related genes and commonly measured quantitative traits of 752 healthy Japanese subjects. Saito A, Kawamoto M, Kamatani N, Journal of human genetics 2009 Jun 54 (6): 317-23. PMID: 19343046