

NDUFS7 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3266a**Specification**

NDUFS7 Antibody (internal region) - Product Information

Application	WB
Primary Accession	O75251
Other Accession	NP_077718.3 , 374291 , 75406 (mouse) , 362837 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	23564

NDUFS7 Antibody (internal region) - Additional Information**Gene ID** 374291**Other Names**

NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial, 1.6.5.3, 1.6.99.3, Complex I-20kD, CI-20kD, NADH-ubiquinone oxidoreductase 20 kDa subunit, PSST subunit, NDUFS7

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

NDUFS7 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFS7 Antibody (internal region) - Protein Information**Name** NDUFS7**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:17275378). Essential for the catalytic activity of complex I (PubMed:17275378).

Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P42026};
Matrix side {ECO:0000250|UniProtKB:P42026}

NDUFS7 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](#)

NDUFS7 Antibody (internal region) - Images

EB010191(0.1 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NDUFS7 Antibody (internal region) - References

Oxidative stress, telomere length and biomarkers of physical aging in a cohort aged 79 years from the 1932 Scottish Mental Survey. Starr JM, Shiels PG, Harris SE, Pattie A, Pearce MS, Relton CL, Deary IJ, Mechanisms of ageing and development 2008 Dec 129 (12): 745-51. PMID: 18977241