

Rabbit NDUFS4 Polyclonal Antibody | anti-NDUFS4 antibody

NDUFS4 antibody

CATALOG #	HOST	APPLICATIONS
AAA107862	Rabbit	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

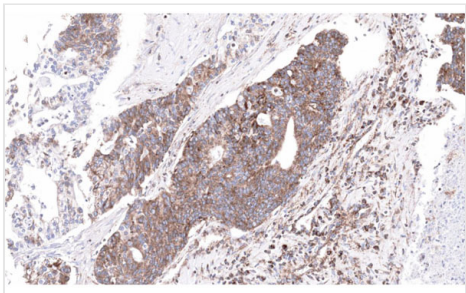
PRODUCT SYNONYMS

NDUFS4; Polyclonal Antibody; NDUFS4 antibody; Polyclonal NDUFS4; Anti-NDUFS4; NADH-coenzyme Q reductase 18-KD; mitochondrial respiratory chain complex I (18-KD subunit); CI-18; NDUFS-4; complex I-AQDQ; CI-AQDQ; AQDQ; complex I 18kDa subunit; NDUFS 4; NADH dehydrogenase (ubiquinone) iron-sulfur protein 4; CI-18 kDa; anti-NDUFS4 antibody

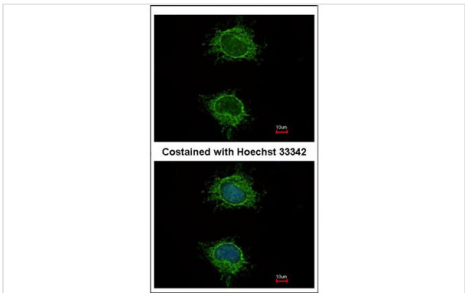
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	NDUFS4 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-NDUFS4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	This gene encodes an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), or NADH:ubiquinone oxidoreductase, the first multi-subunit enzyme complex of the mitochondrial respiratory chain. Complex I plays a vital role in cellular ATP production, the primary source of energy for many crucial processes in living cells. It removes electrons from NADH and passes them by a series of different protein-coupled redox centers to the electron acceptor ubiquinone. In well-coupled mitochondria, the electron flux leads to ATP generation via the building of a proton gradient across the inner membrane.
Cross-Reactivity	Human, Mouse
Immunogen	NDUFS4 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 1 and 175 of NDUFS4
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

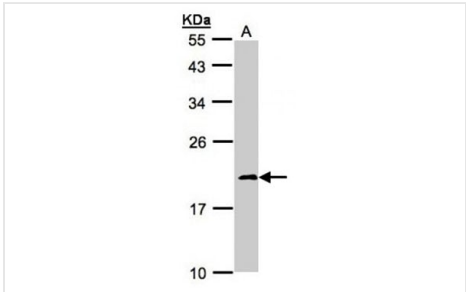
IMAGES



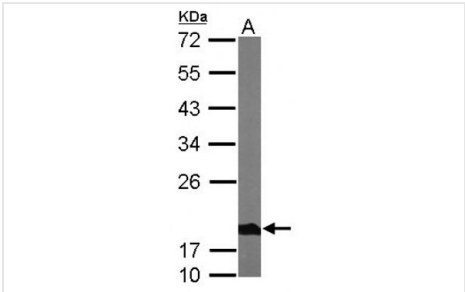
IHC (Immunohistochemistry)
Immunohistochemical staining of paraffin-embedded OVCA using NDUFS4 antibody at a dilution of 1:100



IF (Immunofluorescence)
Immunofluorescence analysis of methanol-fixed HeLa, using NDUFS4 antibody at 1:100 dilution.



WB (Western Blot)
Western blot analysis of 30 ug whole cell lysate (A: 293T) using a 12 % SDS PAGE gel and NDUFS4 antibody at a dilution of 1:1000



WB (Western Blot)
Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 12 % SDS PAGE gel and NDUFS4 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS4 antibody	Affinity purified Rabbit polyclonal NDUFS4 antibody
Product Categories/Family for anti-NDUFS4 antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	20 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufs4-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107862>