

Rabbit NDUFS2 Polyclonal Antibody | anti-NDUFS2 antibody

NDUFS2 Polyclonal Antibody

CATALOG # AAA170073	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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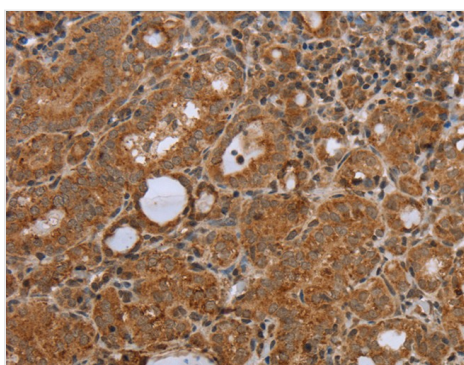
PRODUCT SYNONYMS

NDUFS2; Polyclonal Antibody; NDUF52 Polyclonal Antibody; CI-49; anti-NDUFS2 antibody

PRODUCT SPECIFICATIONS

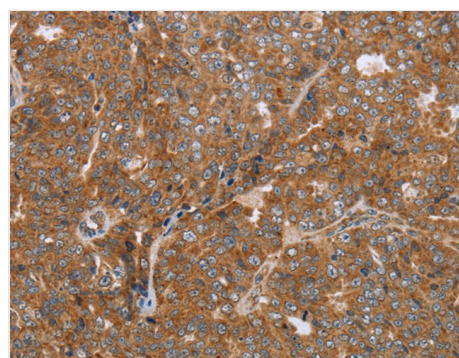
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	3.1mg/mL (varies by lot)
Sequence Length	457
Applicable Applications for anti-NDUFS2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human NDUF52
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



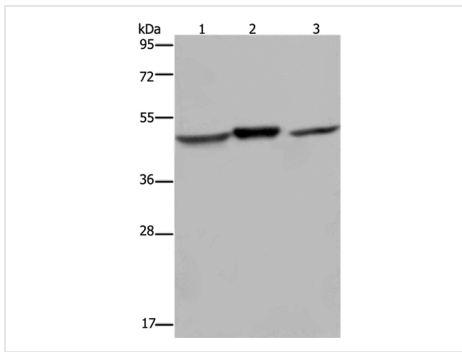
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using NDUF52 Polyclonal Antibody at dilution of 1:50



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer using NDUF52 Polyclonal Antibody at dilution of 1:50



WB (Western Blot)

Western Blot analysis of Mouse heart and brain tissue, Jurkat cell using NDUFS2 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS2 antibody

The protein encoded by this gene is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (complex I). Mammalian mitochondrial complex I is composed of at least 43 different subunits, 7 of which are encoded by the mitochondrial genome, and the rest are the products of nuclear genes. The iron-sulfur protein fraction of complex I is made up of 7 subunits, including this gene product. Complex I catalyzes the NADH oxidation with concomitant ubiquinone reduction and proton ejection out of the mitochondria. Mutations in this gene are associated with mitochondrial complex I deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260898743
NCBI GeneID	4720
NCBI Accession #	NP_001159631.1
NCBI GenBank Nucleotide #	NM_001166159.1
Molecular Weight	51,852 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase)
NCBI Official Symbol	NDUFS2
NCBI Official Synonym Symbols	CI-49
NCBI Protein Information	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial; NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial; CI-49kD; NADH-ubiquinone oxidoreductase 49 kDa subunit; NADH-ubiquinone oxidoreductase NDUFS2 subunit; complex 1, mitochondrial respiratory chain, 49-KD subunit; complex I 49kDa subunit; complex I-49kD
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial
UniProt Gene Name	NDUFS2
UniProt Synonym Gene Names	CI-49kD
UniProt Entry Name	NDUS2_HUMAN

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/ndufs2-antibody-immunohistochemistry-western-blot-elisa/170073>