

Rabbit anti-Human, Mouse NDUFB5 Polyclonal Antibody | anti-NDUFB5 antibody

NDUFB5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232258	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

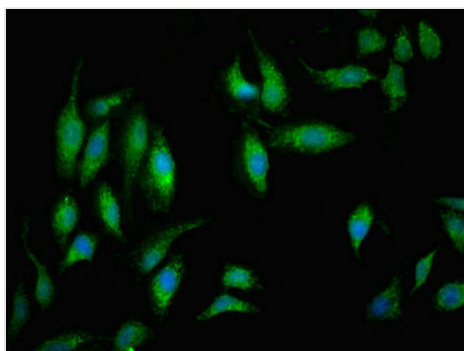
PRODUCT SYNONYMS

NDUFB5; Polyclonal Antibody; NDUFB5 Antibody; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5; mitochondrial; Complex I-SGDH; CI-SGDH; NADH-ubiquinone oxidoreductase SGDH subunit; anti-NDUFB5 antibody

PRODUCT SPECIFICATIONS

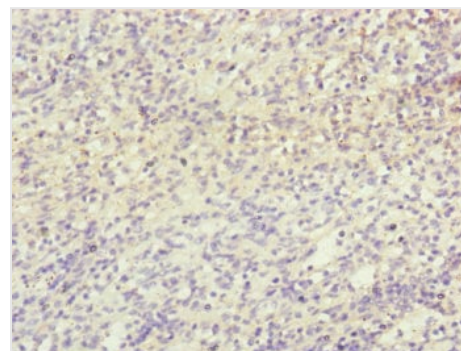
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	137
Applicable Applications for anti-NDUFB5 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial protein (C-90AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-100060 / sc-100059 / sc-133807
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



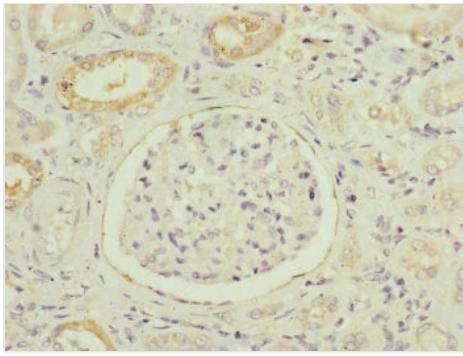
IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA232258 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



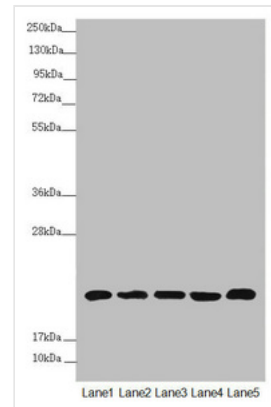
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human spleen tissue using AAA232258 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA232258 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: NDUF85 antibody at 2.64 ug/mlLane 1: Mouse heart tissueLane 2: Mouse kidney tissueLane 3: 293T whole cell lysateLane 4: Jurkat whole cell lysateLane 5: MCF7 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 22,16 kDaObserved band size: 22 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NDUF85 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	316660086
NCBI GeneID	4711
NCBI Accession #	NP_001186886.1
NCBI GenBank Nucleotide #	NM_001199957.1
UniProt Accession #	O43674; Q561V6
Molecular Weight	15,667 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit B5
NCBI Official Symbol	NDUF85
NCBI Official Synonym Symbols	SGDH; CISGDH
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial
UniProt Gene Name	NDUF85
UniProt Synonym Gene Names	CI-SGDH
UniProt Entry Name	NDUB5_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://www.aaabiotech.com/polyclonal/ndufb5-antibody-immunohistochemistry-western-blot-elisa/232258>