

Rabbit NDUFS2 Polyclonal Antibody | anti-NDUFS2 antibody

NDUFS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234090	Rabbit	Human, Rat, Mouse	Immunohistochemistry, Western Blot, ELISA

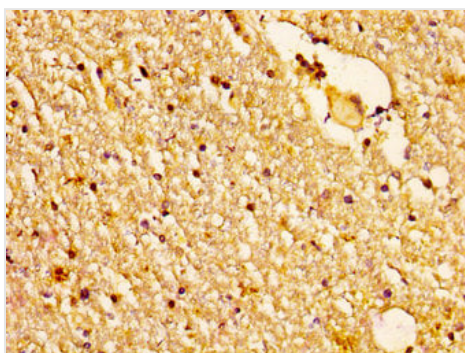
PRODUCT SYNONYMS

NDUFS2; Polyclonal Antibody; NDUFS2 Antibody; NADH dehydrogenase [ubiquinone] iron-sulfur protein 2; mitochondrial; Complex I-49kD; CI-49kD; NADH-ubiquinone oxidoreductase 49 kDa subunit; anti-NDUFS2 antibody

PRODUCT SPECIFICATIONS

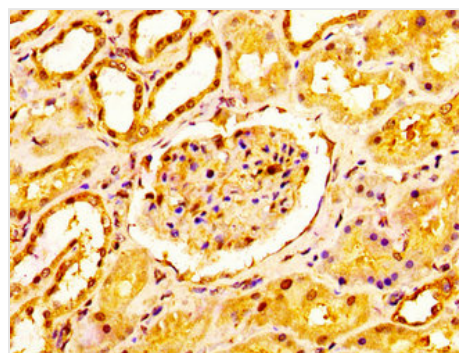
Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	457
Applicable Applications for anti-NDUFS2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial protein (297-427AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



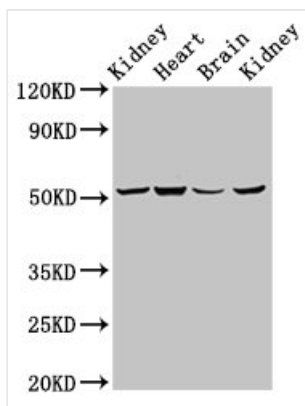
IHC (Immunohistochemistry)

IHC image of AAA234090 diluted at 1:200 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



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WB (Western Blot)

Western Blot Positive WB detected in: Rat kidney tissue, Mouse heart tissue, Mouse brain tissue, Mouse kidney tissue
 All lanes: NDUF52 antibody at 6.9ug/ml
 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 53, 52 KDa
 Observed band size: 53 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-NDUF52 antibody	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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 (PubMed:12611891).
Product Categories/Family for anti-NDUF52 antibody	Cancer ; Cell biology ; Tags & Cell Markers ; Metabolism ; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	260898743
NCBI GeneID	4720
NCBI Accession #	NP_001159631.1
NCBI GenBank Nucleotide #	NM_001166159.1
UniProt Accession #	O75306; Q5VTW0; Q969P3; Q9UEV3; D3DVG7; J3KPM7
Molecular Weight	51,852 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase core subunit S2
NCBI Official Symbol	NDUF52
NCBI Official Synonym Symbols	CI-49
NCBI Protein Information	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial
UniProt Gene Name	NDUF52
UniProt Synonym Gene Names	CI-49kD

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufs2-antibody-immunohistochemistry-western-blot-elisa/234090>