

Rabbit anti-Human, Mouse NDUF A2 Polyclonal Antibody | anti-NDUF A2 antibody

NDUF A2 Polyclonal Antibody

CATALOG # AAA280618	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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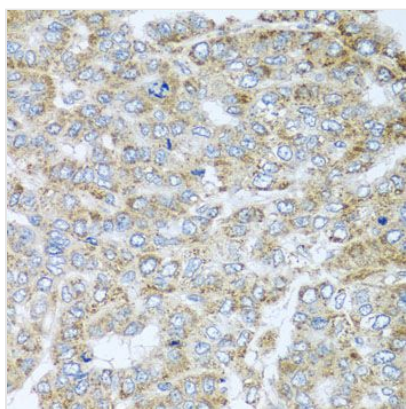
PRODUCT SYNONYMS

NDUF A2; Polyclonal Antibody; NDUF A2 Polyclonal Antibody; anti-NDUF A2 antibody

PRODUCT SPECIFICATIONS

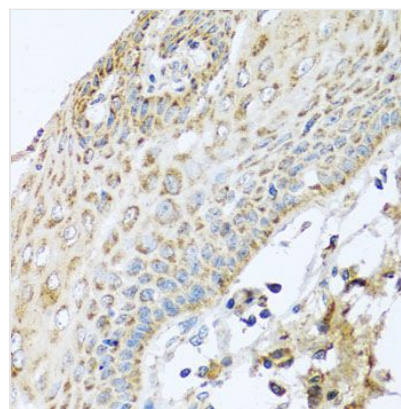
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	76
Applicable Applications for anti-NDUF A2 antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human NDUF A2
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



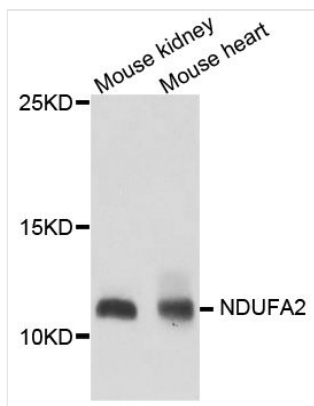
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using NDUF A2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus using NDUF A2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NDUF A2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUF A2 antibody

The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex 1), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane, and may be involved in regulating complex I activity or its assembly via assistance in redox processes. Mutations in this gene are associated with Leigh syndrome, an early-onset progressive neurodegenerative disorder. Alternative splicing results in multiple transcript variants.

NCBI AND UNIPROT INFORMATION

NCBI GI #	297206774
NCBI GeneID	4695
NCBI Accession #	NP_001171941.1
NCBI GenBank Nucleotide #	NM_001185012.1
UniProt Accession #	O43678; Q6IAY8; D6RJD6
Molecular Weight	11kDa
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa
NCBI Official Symbol	NDUF A2
NCBI Official Synonym Symbols	B8; CD14; CIB8
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2
UniProt Gene Name	NDUF A2
UniProt Synonym Gene Names	CI-B8
UniProt Entry Name	NDUA2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufa2-antibody-western-blot-elisa/280618>