

NDUFV2 Antibody (aa20-69)
Rabbit Polyclonal Antibody
Catalog # ALS16673**Specification**

NDUFV2 Antibody (aa20-69) - Product Information

Application	IHC, WB
Primary Accession	P19404
Other Accession	4729
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	27392

NDUFV2 Antibody (aa20-69) - Additional Information**Gene ID** 4729**Other Names**

NDUFV2, Complex I 24kDa subunit, CI-24k

Target/Specificity

NDUFV2 Antibody detects endogenous levels of total NDUFV2 protein.

Reconstitution & StoragePBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol.
Store at -20°C for up to one year.**Precautions**

NDUFV2 Antibody (aa20-69) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFV2 Antibody (aa20-69) - Protein Information**Name** NDUFV2 ([HGNC:7717](#))**Function**

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor (Probable). Parts of the peripheral arm of the enzyme, where the electrons from NADH are accepted by flavin mononucleotide (FMN) and then passed along a chain of iron-sulfur clusters by electron tunnelling to the final acceptor ubiquinone (Probable). Contains one iron-sulfur cluster (Probable).

Cellular Location

Mitochondrion inner membrane {ECO:0000250|UniProtKB:P04394}; Peripheral membrane protein {ECO:0000250|UniProtKB:P04394}; Matrix side {ECO:0000250|UniProtKB:P04394}

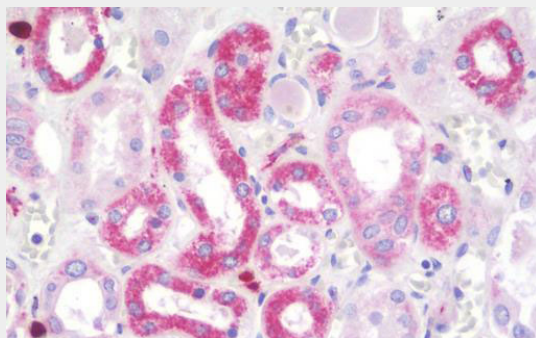
Volume
50 μ l

NDUFV2 Antibody (aa20-69) - Protocols

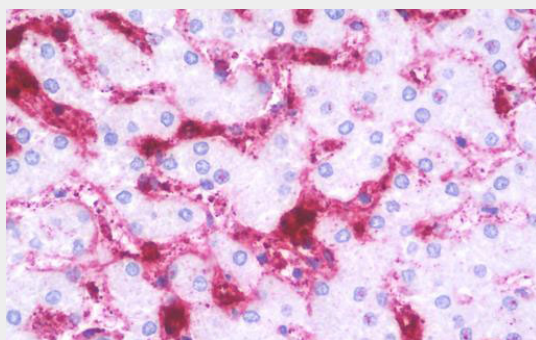
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

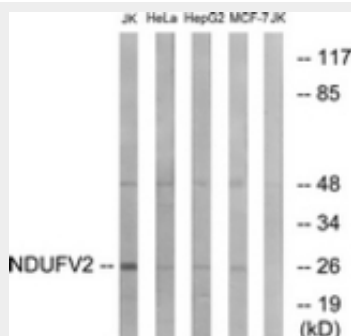
NDUFV2 Antibody (aa20-69) - Images



Anti-NDUFV2 antibody IHC staining of human kidney.



Anti-NDUFV2 antibody IHC staining of human liver.



Western blot of extracts from Jurkat/HeLa/HepG2/MCF-7 cells, using NDUFV2 Antibody.

NDUFV2 Antibody (aa20-69) - Background

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 (By similarity).

NDUFV2 Antibody (aa20-69) - References

Pilkington S.J.,et al.Biochemistry 28:3257-3264(1989).
Murray J.,et al.J. Biol. Chem. 278:13619-13622(2003).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).
Ogura M.,et al.Biochem. J. 447:281-289(2012).