

## Datasheet

### NDUFS1 MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00004719-D01

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human NDUFS1 protein.

**Immunogen:** NDUFS1 (NP\_004997.4, 1 a.a. ~ 727 a.a) full-length human protein.

**Sequence:**

MLRIPVRKALVGLSKSPKGCVRRTATAASNIEVFVDG  
QSVMEPGTTVLQACEKVGMPFCYHERLSVAGN  
CRMCLVEIEKAPKVVAACAMPVMKGWNILTNSEKSKK  
AREGVMEFLLANHPLDCPICDQGGECDLQDQSMFSG  
NDRSRFLEGKRAVEDKNIGPLVKTIMTRCIQCTRCIRFA  
SEIAGVDDLGTGGRNDMQVGTYIEKMFMSLSGNIID  
ICPVGALTSKPYAFTARPWETRKTESIDVMDAVGSNIV  
VSTRTGEVMRILPRMHEDINEEWISDKTRFAYDGLKR  
QRLTEPMVRNEKGLLTYTSWEDALSRVAGMLQSFQG  
KDVAIAGGLVDAEALVALKDLLNRVDSCTLCTEEVFP  
TAGAGTDLRSNYLLNTTIAGVEEADVLLVGTNPRFEA  
PLFNARIRKSWLHNDLKVALIGSPVDLTYTYDHLGDS  
KILQDIASGSHPFSSQVLKEAKKPMVVLGSSALQRNDGA  
AILAAVSSIAQKIRMTSGVTGDWKVMNHLHRIASQVAAL  
DLGYKPGVEAIRKNPPKVLFLGADGGCITRQDLPKDC  
FIYQGHGHDVGAPIADVILPGAAYTEKSATYVNTTEGRA  
QQTKVAVTPPGLAREDWKIIRALSEIAGMTLPYDTLDQ  
VRNRLEEVSPLVRYDDIEGANYFQQANELSKLVNQQ  
LLADPLVPPQLTIKDFYMTDSISRASQTMACVKAVTE  
GAQAVEEPSIC

**Host:** Rabbit

**Reactivity:** Human

**Applications:** IP, WB-Ce, WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4719

**Gene Symbol:** NDUFS1

**Gene Alias:** CI-75Kd, MGC26839, PRO1304

**Gene Summary:** The protein encoded by this gene belongs to the complex I 75 kDa subunit family. Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. This protein is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized. Mutations in this gene are associated with complex I deficiency. [provided by RefSeq]