

Datasheet

NDUFS2 MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00004720-D01

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human NDUFS2 protein.

Immunogen: NDUFS2 (NP_004541.1, 1 a.a. ~ 463 a.a) full-length human protein.

Sequence:

MAALRALCGFRGVAAQVLRPGAGVRLPIQPSRGVRQ
WQPDVEWAQQFGGAVMYPSEKTAHWKPPPWNDVD
PPKDTIVKNITLNFQPQHPAAHGVRLVMEISGEMVRK
CDPHIGLLHRGTEKLEIKTYLQALPYFDRLDYVSMMC
NEQAYSLAVEKLLNIRPPPPRAQWIRVLFGEITRLNHIM
AVTTHALDLGAMTPFFWLFEEREKMFYERVSARM
HAAYIRPGGVHQDLPLGLMDDIYQFSKNFSLRLDELEE
LLTNNRIWRNRTIDIGVVTAEALNYGFSGVMLRGSGI
QWDLRKTQPYDVYDQVEFDVPVGSRGDCYDRYLCRV
EEMRQSLRIIAQCLNKMPPEIKVDDAKVSPPKRAEMK
TSMESLIHHFKLYTEGYQVPPGATYTAIEAPKGEFGVY
LVSDGSSRPYRCKIKAPGFAHLAAGLDKMSKGHMLADV
VAIIGTQDIVFGEVDR

Host: Rabbit

Reactivity: Human

Applications: IP

(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: 4720

Gene Symbol: NDUFS2

Gene Alias: -

Gene Summary: Mitochondrial complex I

(NADH-ubiquinone reductase; EC 1.6.5.3) is the first multimeric complex of the respiratory chain that catalyzes the NADH oxidation with concomitant ubiquinone reduction and proton ejection out of the mitochondria. Mammalian mitochondrial complex I is an assembly of at least 43 different subunits. Seven of the subunits are encoded by the mitochondrial genome; the remainder are the products of nuclear genes. The iron-sulfur protein (IP) fraction of complex I is made up of 7 subunits, including NDUFS2. See NDUFS1 (MIM 157655).[supplied by OMIM]