

NDUFS1 Rabbit pAb

db21623

Package : 20µL 50µL 100µL

Product Name : NDUFS1 Rabbit pAb**Cat.No.:** db21623**Synonyms** : CI-75k; MC1DN5; CI-75Kd; PRO1304**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

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. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011]

Immunogen

A synthetic peptide of human Ndufs1

Gene ID

4719

Swiss Prot

P28331

Synonyms

CI-75k; MC1DN5; CI-75Kd; PRO1304

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilution

WB: 1:2000-1:10000

IHC: 1:20

ICC/IF: 1:50

FC: 1:20

IP: 1:20

Calculated MW

80 kDa

Observed MW

77 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.