NDUFS1 Recombinant Rabbit mAb

Catalog: BS45322 Host: Rabbit Reactivity: Human, Mouse, Rat

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]

Product:

Store at -20℃. 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.

Molecular Weight:

77 kDa

Swiss-Prot:

P28331

Purification&Purity:

Affinity Purification

Applications:

WB: 1:2000-1:10000
IHC: 1:20
ICC/IF: 1:50
FC: 1:20
IP: 1:20

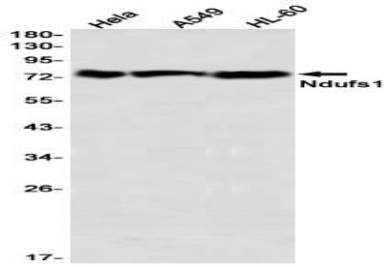
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



Western blot detection of Ndufs1 in Hela,A549,HL-60 using Ndufs1 antibody(1:1000 diluted)

Note:

For research use only, not for use in diagnostic procedure.

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