NADH 氧化还原酶辅酶 2 抗体

产品货号： mlR19068

英文名称： NDUFA2

中文名称： NADH 氧化还原酶辅酶 2 抗体

别　　名： B8; CI B8; CI-B8; Complex I B8; Complex I-B8; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 2 8kDa; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 2; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2; NADH ubiquinone oxidoreductase B8 subunit; NADH-ubiquinone oxidoreductase B8 subunit; NDUA2_HUMAN; NDUFA 2; Ndufa2.

研究领域： 肿瘤　细胞生物　神经生物学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Horse, Rabbit, Cynomolgus Monkey, Gorilla, Orangutan

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 11kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human NDUFA2:2-80/99

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed： PubMed

产品介绍： The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex 1), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane, and may be involved in regulating complex I activity or its assembly via assistance in redox processes. Mutations in this gene are associated with Leigh syndrome, an early-onset progressive neurodegenerative disorder. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]

Function:

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in 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.

Subunit:

Complex I is composed of 45 different subunits.

Subcellular Location:

Mitochondrion inner membrane; Peripheral membrane protein; Matrix side.

SWISS:

O43678

Gene ID:

4695

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.