NDUF3 蛋白抗体

产品货号： mlR19067

英文名称： NDUF3

中文名称： NDUF3 蛋白抗体

别　　名： C3orf60; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3; NDUF3_HUMAN; ndufaf3.

研究领域： 细胞生物　神经生物学　信号转导　转录调节因子　新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Horse, Rabbit,

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： 20kDa

细胞定位： 细胞核

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human NDUF3:51-150/184

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： This gene encodes a mitochondrial complex I assembly protein that interacts with complex I subunits. Mutations in this gene cause mitochondrial complex I deficiency, a fatal neonatal disorder of the oxidative phosphorylation system. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2009]

Function:

Essential factor for the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I).

Subunit:

Interacts with NDUFAF4, NDUFS2 and NDUFS3.

Subcellular Location:

Nucleus. Mitochondrion inner membrane.

DISEASE:

Defects in NDUFAF3 are a cause of mitochondrial complex I deficiency (MT-C1D) [MIM:252010]. A disorder of the mitochondrial respiratory chain that causes a wide range of clinical disorders, from lethal neonatal disease to adult-onset neurodegenerative disorders. Phenotypes include macrocephaly with progressive leukodystrophy, non-specific encephalopathy, cardiomyopathy, myopathy, liver disease, Leigh syndrome, Leber hereditary optic neuropathy, and some forms of Parkinson disease.

SWISS:

Q9BU61

Gene ID:

25915

Important Note:

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