

产品名称: NDUS8 Rabbit Polyclonal Antibody
产品货号: APRab14524



产品概述 (Summary)

产品名称 (Production Name)	NDUS8 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NDUFS8
别名 (Alternative Names)	
基因 ID (Gene ID)	4728.0
蛋白 ID (SwissProt ID)	O00217.Synthesized peptide derived from human protein . at AA range: 90-170

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	23kDa

研究背景 (Background)

This gene encodes a subunit of mitochondrial NADH:ubiquinone oxidoreductase, or Complex I, a multimeric enzyme of the

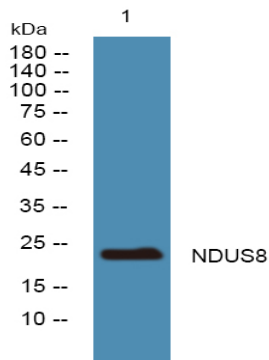
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respiratory chain responsible for NADH oxidation, ubiquinone reduction, and the ejection of protons from mitochondria. The encoded protein is involved in the binding of two of the six to eight iron-sulfur clusters of Complex I and, as such, is required in the electron transfer process. Mutations in this gene have been associated with Leigh syndrome. [provided by RefSeq, Mar 2010],catalytic activity:NADH + acceptor = NAD(+) + reduced acceptor.,catalytic activity:NADH + ubiquinone = NAD(+) + ubiquinol.,cofactor:Binds 2 4Fe-4S clusters per subunit.,disease:Defects in NDUS8 are a cause of Leigh syndrome (LS) [MIM:256000]. LS is a severe neurological disorder characterized by bilaterally symmetrical necrotic lesions in subcortical brain regions.,function:Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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 (By similarity). May donate electrons to ubiquinone.,similarity:Belongs to the complex I 23 kDa subunit family.,similarity:Contains 2 4Fe-4S ferredoxin-type domains.,subunit:Mammalian complex I is composed of 45 different subunits.,

研究领域 (Research Area)

Oxidative phosphorylation;Alzheimer's disease;Parkinson's disease;Huntington's disease;

图片 (Image Data)



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4°over night

注意事项 (Note)

For research use only .