

产品名称: NDUFS2 (1N8) Rabbit Monoclonal Antibody
产品货号: AMRe14514



产品概述 (Summary)

产品名称 (Production Name)	NDUFS2 (1N8) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP,IF-P
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NDUFS2
别名 (Alternative Names)	Ndufs2;
基因 ID (Gene ID)	4720.0
蛋白 ID (SwissProt ID)	O75306.Recombinant protein of human NDUFS2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:20-1:100,IP 1:20-1:50,IF-P 1:20-1:100
蛋白分子量 (Molecular Weight)	53kDa

研究背景 (Background)

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to

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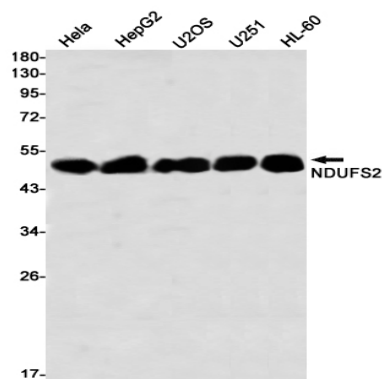


belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor (PubMed:30922174, PubMed:22036843). Essential for the catalytic activity of complex I (PubMed:30922174, PubMed:22036843). Essential for the assembly of complex I (By similarity). Redox- sensitive, critical component of the oxygen-sensing pathway in the pulmonary vasculature which plays a key role in acute pulmonary oxygen- sensing and hypoxic pulmonary vasoconstriction (PubMed:30922174). Plays an important role in carotid body sensing of hypoxia (By similarity). Essential for glia-like neural stem and progenitor cell proliferation, differentiation and subsequent oligodendrocyte or neuronal maturation (By similarity).

研究领域 (Research Area)

Tags & Cell Markers

图片 (Image Data)



Western blot detection of NDUFS2 in HeLa, HepG2, U2OS, U251, HL-60 using NDUFS2 antibody (1:1000 diluted)

注意事项 (Note)

For research use only .