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NDUFA1 (YD20776) Rabbit mAb

货号: **AYD14775**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P IP
推荐浓度	
理论分子量	8kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF-7,Mouse kidney,Mouse heart,Rat brain
细胞定位	Mitochondrion inner membrane
纯化	亲和纯化

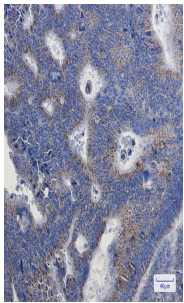
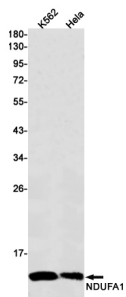
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靶点信息

研究背景	The human NDUFA1 gene codes for an essential component of complex I of the respiratory chain, which transfers electrons from NADH to ubiquinone. It has been noted that the N-terminal hydrophobic domain has the potential to be folded into an alpha-helix spanning the inner mitochondrial membrane with a C-terminal hydrophilic domain interacting with globular subunits of complex I. The highly conserved two-domain structure suggests that this feature is critical for the protein function and might act as an anchor for the NADH:ubiquinone oxidoreductase complex at the inner mitochondrial membrane. However, the NDUFA1 peptide is one of about 31 components of the 'hydrophobic protein' (HP) fraction of complex I which is involved in proton translocation. Thus the NDUFA1 peptide may also participate in that function.
基因ID	4694
基因名	NDUFA1
Swiss	O15239 (https://www.uniprot.org/uniprotkb/O15239/entry)
别名	NDUFA1 (YD20776), NDUFA1 (YD20776) Rabbit mAb, NDUFA1, Complex I-MWFE, NADH-ubiquinone oxidoreductase MWFE subunit

产品验证



实验步骤

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