

NDUFA1 Rabbit mAb

货号: B29172

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	8kDa
实测分子量	10kDa
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	K-562,U2OS
细胞定位	Matrix side,Mitochondrion inner membrane,Single-pass membrane protein
纯化	Affinity purification

抗原信息

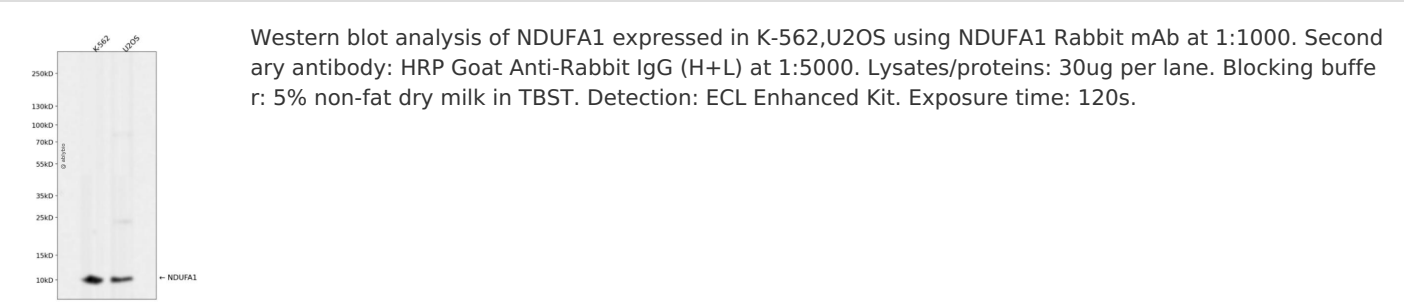
抗原信息	Recombinant fusion protein corresponding to Human NDUFA1.
序列	MWFEILPGLSVMGVCLLIPGLATAYIHRFTNGGKEKRVAHFGYHWSLMERDRRISGVDRYYVSKGLENID

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
别名	NDUFA1;CI-MWFE;MWFE;ZNF183

产品验证



实验步骤

访问官网浏览详情: www.ablybio.cn