

# NDUFS1 Rabbit mAb

货号: **AYM29493**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP FC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50 <b>FC:</b> 1:20 - 1:50
理论分子量	67kDa/73kDa/75kDa/79kDa/80kDa
实测分子量	75kDa
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	Raji,NCI-H460,PC-3,Mouse heart,Mouse intestine
细胞定位	Mitochondrion inner membrane
纯化	Affinity purification

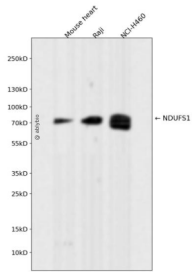
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human NDUFS1.
序列	VEIEKAPKVVAACAMPVMKGWNILTNSEKSKKAREGVMEFLLANHPLDCPICDQGGECDLQDQSMFMGNDRSRFLEGKR AVEDKNIGPLVKTIMTRCIQCTRCIRFASEIAGVDDLGGTTGRGNDMQVGTYIEKMFMSSELSGNIIDICPVGALTSKPYAFTAR PWETRKTESIDVMDAVGNSNIVVSTRTGEVMRILPRMHEDINEEWISDKT

## 靶点信息

研究背景	The protein encoded by this gene belongs to the complex I 75 kDa subunit family. Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. This protein is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized. Mutations in this gene are associated with complex I deficiency. Several transcript variants encoding different isoforms have been found for this gene.
基因ID	4719
基因名	NDUFS1
Swiss	P28331
别名	NDUFS1;CI-75Kd;CI-75k;PRO1304

## 产品验证



Western blot analysis of NDUFS1 expressed in Mouse heart, Raji, NCI-H460 using NDUFS1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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