

— ABLYBIO, Help Your Research



MDH1 (YD13870) Rabbit mAb

货号: **AYD15484**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC/IF FC IP
推荐浓度	
理论分子量	36kDa
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	HepG2,THP-1,HeLa,Jurkat,Mouse liver,Mouse kidney,Mouse heart,Mouse eye,Rat kidney
细胞定位	Cytoplasm, cytosol
纯化	亲和纯化

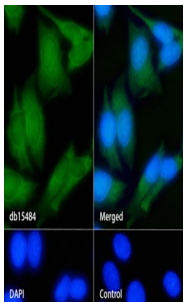
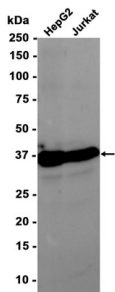
抗原信息

抗原信息	
------	--

靶点信息

研究背景	This gene encodes an enzyme that catalyzes the NAD/NADH-dependent, reversible oxidation of malate to oxaloacetate in many metabolic pathways, including the citric acid cycle. Two main isozymes are known to exist in eukaryotic cells: one is found in the mitochondrial matrix and the other in the cytoplasm. This gene encodes the cytosolic isozyme, which plays a key role in the malate-aspartate shuttle that allows malate to pass through the mitochondrial membrane to be transformed into oxaloacetate for further cellular processes. Alternatively spliced transcript variants have been found for this gene. A recent study showed that a C-terminally extended isoform is produced by use of an alternative in-frame translation termination codon via a stop codon readthrough mechanism, and that this isoform is localized in the peroxisomes. Pseudogenes have been identified on chromosomes X and 6.
基因ID	4190
基因名	MDH1
Swiss	P40925 (https://www.uniprot.org/uniprotkb/P40925/entry)
别名	MDH1 (YD13870),MDH1 (YD13870) Rabbit mAb,MDH1,Aromatic alpha-keto acid reductase,Cytosolic malate dehydrogenase,MDHA

产品验证



实验步骤

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/www.ablybio.cn>)