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HADHB Rabbit pAb

货号: AYT1138

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	**WB 1:500-2000:** **IHC:** 1:50-200
理论分子量	52kD
实测分子量	52kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.29.
偶联物	Unconjugated
阳性对照	
细胞定位	Mitochondrion . Mitochondrion inner membrane . Mitochondrion outer membrane
纯化	亲和纯化

抗原信息

抗原信息	Synthesized peptide derived from human HADHB.

靶点信息

研究背景	Mitochondrial trifunctional enzyme catalyzes the last three of the four reactions of the mitochondrial beta -oxidation pathway . The mitochondrial beta-oxidation pathway is the major energy-producing process in tissues and is performed through four consecutive reactions breaking down fatty acids into acetyl-CoA . A mong the enzymes involved in this pathway , the trifunctional enzyme exhibits specificity for long-chain f atty acids . Mitochondrial trifunctional enzyme is a heterotetrameric complex composed of two proteins , the trifunctional enzyme subunit alpha/HADHA carries the 2 ,3-enoyl-CoA hydratase and the 3-hydroxyac yl-CoA dehydrogenase activities , while the trifunctional enzyme subunit beta/HADHB described here bea rs the 3-ketoacyl-CoA thiolase activity .
基因ID	3032;
基因名	HADHB MSTP029
Swiss	P55084 (https://www.uniprot.org/uniprotkb/P55084/entry)
别名	Beta ketothiolase; Beta-ketothiolase; ECHB; ECHB_HUMAN; HADH; Hadhb; Hydroxyacyl CoA dehydrogena se/3 ketoacyl CoA thiolase/enoyl CoA hydratase (trifunctional protein), beta subunit; Hydroxyacyl Coenzy me A (CoA) dehydrogenase beta subunit; Hydroxyacyl Coenzyme A dehydrogenase; Hydroxyacyl Coenzy me A dehydrogenase beta subunit; Hydroxyacyl Coenzyme A dehydrogenase/3 ketoacyl Coenzyme A thio lase/enoyl Coenzyme A hydratase (trifunctional protein) beta subunit; MGC87480; Mitochondrial trifunctio nal enzyme beta subunit; Mitochondrial trifunctional protein beta subunit; MSTP 029; MSTP029; MTPB; TP beta; TP-beta; TPbeta; Trifunctional enzyme subunit beta; Trifunctional enzyme subunit beta mitochondria l; Trifunctional protein;

产品验证

实验步骤

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