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LIAS Polyclonal antibody

货号: **AYP31470**

产品信息

反应	Mouse,Rat,Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	WB: 1:1000-1:2000 IHC: 1:50-1:500
理论分子量	42kDa
实测分子量	34-42 kDa
形式	Liquid
保存条件	Store at -20°C
偶联物	
阳性对照	L02 cells, HepG2 cells, human brain tissue, Raji cells, K-562 cells, mouse brain tissue, mouse liver tissue, rat liver tissue
细胞定位	Mitochondrion
纯化	Antigen affinity purification

抗原信息

抗原信息	LIAS fusion protein
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靶点信息

研究背景	LIAS(lipoyl synthase, mitochondrial) is also named as LAS and belongs to the radical SAM superfamily and lipoyl synthase family. It produces alpha-lipoic acid, an antioxidant and an essential cofactor in alpha-ketoacid dehydrogenase complexes, which participate in glucose oxidation and ATP generation(PMID:22021711). The deduced 373-amino acid protein has a calculated molecular mass of about 42 kD. The N-terminal 26 amino acids encode a potential mitochondrial targeting presequence that, upon removal, would result in a deduced mature protein of 347 amino acids with a molecular mass of about 39 kD(PMID:11389890). Defects in LIAS are a cause of pyruvate dehydrogenase lipoic acid synthetase deficiency (PDHLD).
基因ID	11019
基因名	LIAS
Swiss	O43766 (https://www.uniprot.org/uniprotkb/O43766/entry)
别名	HUSSY 01,LAS,LIAS,Lip syn,LIP1,Lipoate synthase,Lipoic acid synthase,lipoic acid synthetase,Lipoyl synthase,mitochondrial,LS,LIAS Polyclonal antibody

产品验证

实验步骤

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