— ABLYBIO, Help Your Research

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:** 1:500-1:2000 **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	Unconjugated
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

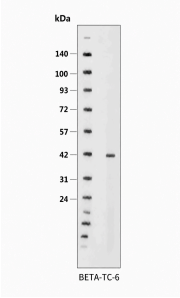
抗原信息

抗原信息	LIAS fusion protein

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



Western blot analysis of LIAS expressed in UBeta-TC6 cell using LIAS Rabbit pAb at 1:500. 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

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