

LDHB Rabbit pAb

货号: **AYP11822**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: unknow , Homo sapiens , Sus scrofa
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	36kDa
实测分子量	37kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,A-431,Jurkat,A-549,Mouse brain,Mouse kidney,Mouse heart,Mouse lung,Rat brain
细胞定位	Cytoplasm
纯化	Affinity purification

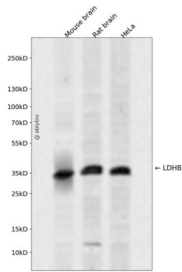
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-334 of human LDHB (NP_002291.1).
序列	MATLKEKLIAPVAEEEEATVPNNKITVVGQVGMACAISILGKSLADELALVDVLEDKLGEMMDLQHGSLFLQTPKIVADK DYSVTANSKIVVVTAGVRQQEGESRLNVLQRNVNFKFIIPQIVKYSPDCIIIVSNPVDILTYVTWKLGLPKHRVIGSGCNL DSARFRYLMAEKLGIHPSSCHGWILGEHGDSSVAVWVSGVNVAGVSLQELNPEMGTDNDSSENWKEVHKMVVESAYEVIK LKGYTINWAIGLSVADLIESMLKNLSRIHPVSTMVKGMYGIENEVFLSLPCILNARGLTSVINQKLDDEVAQLKKSADTLWD IQKDLKDL

靶点信息

研究背景	This gene encodes the B subunit of lactate dehydrogenase enzyme, which catalyzes the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD ⁺ in a post-glycolysis process. Alternatively spliced transcript variants have been found for this gene. Recent studies have shown 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. Mutations in this gene are associated with lactate dehydrogenase B deficiency. Pseudogenes have been identified on chromosomes X, 5 and 13.
基因ID	3945
基因名	LDHB
Swiss	P07195
别名	LDHB;HEL-S-281;LDH-B;LDH-H;LDHBD;TRG-5

产品验证



Western blot analysis of LDHB expressed in Mouse brain,Rat brain,HeLa using LDHB Rabbit pAb 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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