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ASL Rabbit pAb

货号: **AYP10694**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	capillary electrophoresis: Mus musculus
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	48kDa/49kDa/51kDa
实测分子量	49KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,HepG2,SH-SY5Y,Mouse liver,Mouse brain,Mouse kidney,Rat liver
细胞定位	cytoplasm,cytosol,extracellular exosome
纯化	Affinity purification

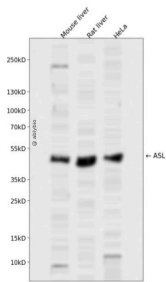
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 289-464 of human ASL (NP_000039.2).
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靶点信息

研究背景	This gene encodes a member of the lyase 1 family. The encoded protein forms a cytosolic homotetramer and primarily catalyzes the reversible hydrolytic cleavage of argininosuccinate into arginine and fumarate, an essential step in the liver in detoxifying ammonia via the urea cycle. Mutations in this gene result in the autosomal recessive disorder argininosuccinic aciduria, or argininosuccinic acid lyase deficiency. A nontranscribed pseudogene is also located on the long arm of chromosome 22. Alternatively spliced transcript variants encoding different isoforms have been described.
基因ID	435
基因名	ASL
Swiss	P04424 (https://www.uniprot.org/uniprotkb/P04424/entry)
别名	ASL,ASAL,ASL Rabbit pAb,Argininosuccinase

产品验证



Western blot analysis of ASL expressed in Mouse liver, Rat liver, HeLa using ASL 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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