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ACOX1 Rabbit pAb

货号: AYP25154

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Sus scrofa , Mus musculus , Rattus norvegicus , Homo sapiens **IF:** Mus musculus
应用	WB IHC IF/ICC
推荐浓度	**WB:** 1:100 - 1:500 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	70kDa/74kDa
实测分子量	74KDa/50KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse liver,Mouse kidney,Mouse heart,Rat liver
细胞定位	Peroxisome
纯化	Affinity purification

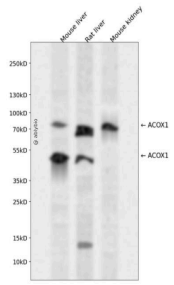
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human ACOX1 (NP_004026.2).

靶点信息

研究背景	The protein encoded by this gene is the first enzyme of the fatty acid beta-oxidation pathway, which catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. It donates electrons directly to molecular oxygen, thereby producing hydrogen peroxide. Defects in this gene result in pseudoneonatal adrenoleukodystrophy, a disease that is characterized by accumulation of very long chain fatty acids. Alternatively spliced transcript variants encoding different isoforms have been identified.
基因ID	51
基因名	ACOX1
Swiss	Q15067 (https://www.uniprot.org/uniprotkb/Q15067/entry)
别名	ACOX1,ACOX,PALMCOX,SCOX,ACOX1 Rabbit pAb,Palmitoyl-CoA oxidase,Peroxisomal fatty acyl-CoA oxidase,Straight-chain acyl-CoA oxidase

产品验证



Western blot analysis of ACOX1 expressed in Mouse liver,Rat liver,Mouse kidney using ACOX1 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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