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AUH Rabbit pAb

货号: **AYP14907**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: 293T
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	32kDa/35kDa
实测分子量	30kDa
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	A-549,SW480,HepG2,Mouse brain,Mouse heart,Mouse kidney,Rat brain,Rat heart,Rat kidney
细胞定位	Mitochondrion
纯化	Affinity purification

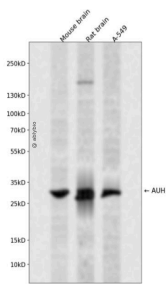
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 68-339 of human AUH (NP_001689.1).
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靶点信息

研究背景	This gene encodes bifunctional mitochondrial protein that has both RNA-binding and hydratase activities. The encoded protein is a methylglutaconyl-CoA hydratase that catalyzes the hydration of 3-methylglutaconyl-CoA to 3-hydroxy-3-methyl-glutaryl-CoA, a critical step in the leucine degradation pathway. This protein also binds AU-rich elements (AREs) found in the 3' UTRs of rapidly decaying mRNAs including c-fos, c-myc and granulocyte/ macrophage colony stimulating factor. ARE elements are involved in directing RNA to rapid degradation and deadenylation. This protein localizes to the mitochondrial matrix and the inner mitochondrial membrane and may be involved in mitochondrial protein synthesis. Mutations in this gene are the cause of 3-methylglutaconic aciduria, type I. Alternative splicing results in multiple transcript variants.
基因ID	549
基因名	AUH
Swiss	Q13825 (https://www.uniprot.org/uniprotkb/Q13825/entry)
别名	AUH,AUH Rabbit pAb,AU-specific RNA-binding enoyl-CoA hydratase,Itaconyl-CoA hydratase

产品验证



Western blot analysis of AUH expressed in Mouse brain,Rat brain,A-549 using AUH 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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