

PYCR1 Rabbit pAb

货号: **AYP14037**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IHC: Homo sapiens
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:100
理论分子量	33kDa/35kDa
实测分子量	35kDa
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	BT-474,HepG2,Rat brain
细胞定位	Mitochondrion
纯化	Affinity purification

抗原信息

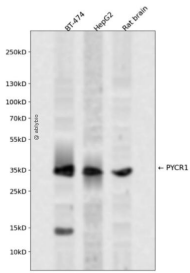
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-319 of human PYCR1 (NP_008838.2).
序列	MSVGFIGAGQLAFALAKGFTAAGVLA AHKIMASSPDMDLATVSALRKMVGLTPHNKETVQHSDVLF LAVKPHIIPFILDEI GADIEDRHIVVSCAAGVTISSIEKKLSAFRPAPRVIRCMTNTPVVVREGATVYATGTHAQVEDGRLMEQLLSSVGFCTEVEE DLIDAVTGLSGSGPAYAFTALDALADGGVKMGLPRRLAVRLGAQALLGAAKMLLHSEQHPGQLKDNVSSPGGATIHALH VLESGGFRSLLINAVEASCIRTRELQSMADQEQVSPA AIKKTILDKVKL DSPAGTALSPSGHTKLLPRSLAPAGKD

靶点信息

研究背景	This gene encodes an enzyme that catalyzes the NAD(P)H-dependent conversion of pyrroline-5-carboxylate to proline. This enzyme may also play a physiologic role in the generation of NADP(+) in some cell types. The protein forms a homopolymer and localizes to the mitochondrion. Alternative splicing results in multiple transcript variants.
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基因ID	5831
基因名	PYCR1
Swiss	P32322
别名	PYCR1;ARCL2B;ARCL3B;P5C;P5CR;PIG45;PP222;PRO3;PYCR

产品验证



Western blot analysis of PYCR1 expressed in BT-474, HepG2, Rat brain using PYCR1 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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