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OAT Rabbit pAb

货号: **AYP10408**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Rattus norvegicus
应用	WB IHC IP
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IP: 1:50 - 1:100
理论分子量	32kDa/48kDa
实测分子量	47kDa
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	SW480,MCF7,293T,A-549,HepG2,Mouse liver,Mouse lung,Mouse kidney,Rat kidney
细胞定位	Mitochondrion matrix
纯化	Affinity purification

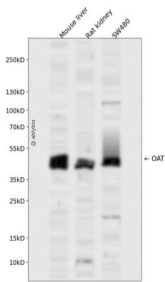
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 160-439 of human OAT (NP_000265.1).
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靶点信息

研究背景	This gene encodes the mitochondrial enzyme ornithine aminotransferase, which is a key enzyme in the pathway that converts arginine and ornithine into the major excitatory and inhibitory neurotransmitters glutamate and GABA. Mutations that result in a deficiency of this enzyme cause the autosomal recessive eye disease Gyrate Atrophy. Alternatively spliced transcript variants encoding different isoforms have been described. Related pseudogenes have been defined on the X chromosome.
基因ID	4942
基因名	OAT
Swiss	P04181 (https://www.uniprot.org/uniprotkb/P04181/entry)
别名	OAT,GACR,HOGA,OATASE,OKT,OAT Rabbit pAb,Ornithine delta-aminotransferase,Ornithine--oxo-acid aminotransferase

产品验证



Western blot analysis of OAT expressed in Mouse liver, Rat kidney, SW480 using OAT 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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