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AADAT Rabbit pAb

货号: **AYP12583**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus
应用	WB IHC IF/ICC
推荐浓度	WB: 1:2000 - 1:4000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	47kDa
实测分子量	46KDa
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	Mouse liver,Rat kidney
细胞定位	Mitochondrion
纯化	Affinity purification

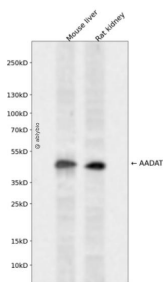
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 34-429 of human AADAT (NP_001273611.1).
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靶点信息

研究背景	This gene encodes a protein that is highly similar to mouse and rat kynurenine aminotransferase II. The rat protein is a homodimer with two transaminase activities. One activity is the transamination of alpha-amino adipic acid, a final step in the saccharopine pathway which is the major pathway for L-lysine catabolism. The other activity involves the transamination of kynurenine to produce kynurenine acid, the precursor of kynurenic acid which has neuroprotective properties. Several transcript variants encoding two different isoforms have been found for this gene.
基因ID	51166
基因名	AADAT
Swiss	Q8N5Z0 (https://www.uniprot.org/uniprotkb/Q8N5Z0/entry)
别名	AADAT,KAT2,KATII,KYAT2,AADAT Rabbit pAb,2-amino adipate aminotransferase,2-amino adipate transaminase,Alpha-amino adipate aminotransferase,Glycine transaminase AADAT,Kynurenine aminotransferase II,Kynurenine--glyoxylate transaminase AADAT

产品验证



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