

AADAT Rabbit pAb

货号: AYP19480

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:1000 - 1:5000
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	Rat kidney
细胞定位	Mitochondrion
纯化	Affinity purification

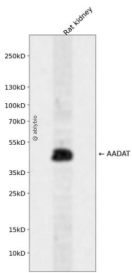
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 34-429 of human AADAT (NP_001273611.1).
序列	PKSMISLAGGLPNPNMFPFKTAVITVENGKTIQFGEEMMKRALQYSPSAGIPELLSWLKQLQIKLHNPPPTIHYPPSQGQMDL CVTSGSQGLCKVFEMIINPGDNVLLDEPAYSGTLQSLHPLGCNIINVASDESGIVPDSLRLDILSRWKPEDAKNPQKNTPKF LYTVPNGNNPTGNSLTSEKKEIYELARKYDFLIIEDDPYFLQFNKFRVPTFLSMDVDGRVIRADSFSKIISSGLRIGFLTGP KPLIERVILHIQVSTLHPSTFNQLMISQLLHEWGEEGFMAHVDRVIDFYSNQKDAILAAADKWLTLGLAEWHVPAAGMFLWI KVKGINDVKELIEEKAVKMGVLMPLPGNAFYVDSSAPSPYLRSFSSASPEQMDVAFQVLAQLIKESL

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-aminoadipic 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
别名	AADAT;KAT2;KATII;KYAT2

产品验证



Western blot analysis of AADAT expressed in 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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