

GATM Rabbit pAb

货号: AYP12335

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Rattus norvegicus , Mus musculus IF: Rattus norvegicus
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	44kDa/48kDa
实测分子量	48KDa
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	U-251MG,Mouse testis,Rat testis
细胞定位	Cytoplasm,Intermembrane side,Mitochondrion inner membrane,Peripheral membrane protein
纯化	Affinity purification

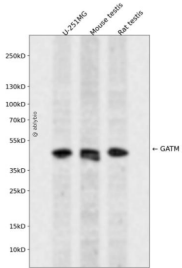
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 38-423 of GATM (NP_001307944.1).
序列	MPRDILIVVGNIEIAPMAWRSRFFEYRAYRSIIKDYFHRGAKWTTAPKPTMADELYNQDYPIHSVEDRHKLAAQGKFVTTE FEPCFDAADFIRAGRDIFAQRSQVTNYLGIEWMRRHLAPDYRVHIIISFKDPNPMHIDATFNIIGPGIVLSNPDRPCHQIDLK KAGWTIITPPTPIIPDDHPLWMSSKWLMSNVLMLEKRV MVDANEVPIQKMFELGITTIKVNIRNANSLGGGFHCWTCDV RRRGTLQSYLD

靶点信息

研究背景	This gene encodes a mitochondrial enzyme that belongs to the amidinotransferase family. This enzyme is involved in creatine biosynthesis, whereby it catalyzes the transfer of a guanido group from L-arginine to glycine, resulting in guanidinoacetic acid, the immediate precursor of creatine. Mutations in this gene cause arginine:glycine amidinotransferase deficiency, an inborn error of creatine synthesis characterized by mental retardation, language impairment, and behavioral disorders.
基因ID	2628
基因名	GATM
Swiss	P50440
别名	GATM;AGAT;AT;CCDS3

产品验证



Western blot analysis of GATM expressed in U-251MG, Mouse testis, Rat testis using GATM 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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