

Anti-GAMT antibody ab60129

[1 Abreviews](#) [2 图像](#)

概述

产品名称	Anti-GAMT抗体
描述	兔多克隆抗体to GAMT
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB, ELISA
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Guinea pig, Cow, Pig 
免疫原	Synthetic peptide (Human)
阳性对照	Jurkat cell lysate.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab60129于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 5 µg/ml.

应用	Ab评论	说明
WB		Use a concentration of 0.25 µg/ml. Detects a band of approximately 26 kDa (predicted molecular weight: 26 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.
ELISA		Use at an assay dependent dilution.

靶标

组织特异性

Expressed in liver.

通路

Amine and polyamine biosynthesis; creatine biosynthesis; creatine from L-arginine and glycine: step 2/2.

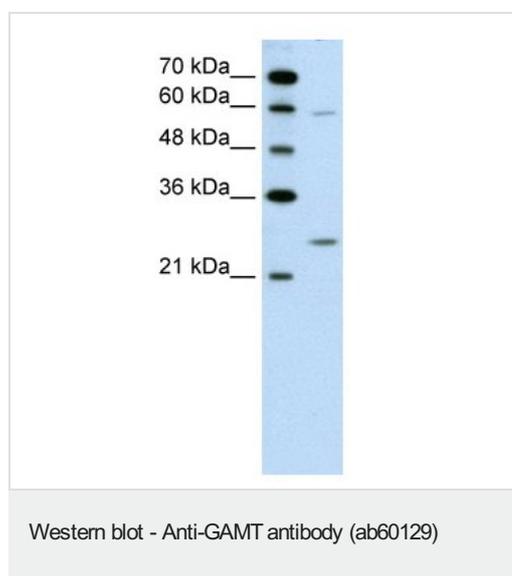
疾病相关

Defects in GAMT are the cause of guanidinoacetate methyltransferase deficiency (GAMT deficiency) [MIM:612736]. GAMT deficiency is an autosomal recessive disorder characterized by developmental delay/regression, mental retardation, severe disturbance of expressive and cognitive speech, intractable seizures and movement disturbances, severe depletion of creatine/phosphocreatine in the brain, and accumulation of guanidinoacetic acid (GAA) in brain and body fluids.

序列相似性

Belongs to the RMT2 methyltransferase family.

图片



Anti-GAMT antibody (ab60129) at 0.25 µg/ml + Jurkat cell lysate at 10 µg

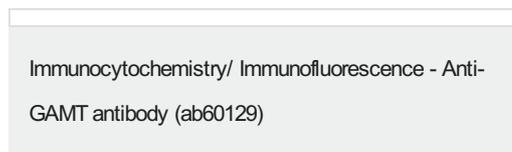
Secondary

HRP conjugated anti-Rabbit IgG at 1/50,000 - 1/100,000 dilution.

Predicted band size: 26 kDa

Observed band size: 26 kDa

Additional bands at: 58 kDa. We are unsure as to the identity of these extra bands.



ICC/IF image of ab60129 stained MCF7 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab60129, 5µg/ml) overnight at +4°C. The secondary antibody

(green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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