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GNE Rabbit mAb

货号: AYM31232

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF/ICC
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200
理论分子量	66kDa/71kDa/78kDa/79kDa/83kDa
实测分子量	75kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	LO2,Jurkat,HeLa,mouse liver,rat liver
细胞定位	Cytoplasm
纯化	Affinity purification

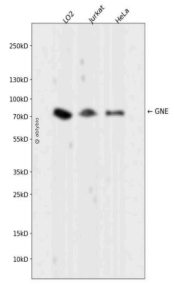
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human GNE.

靶点信息

研究背景	The protein encoded by this gene is a bifunctional enzyme that initiates and regulates the biosynthesis of N-acetylneuraminic acid (NeuAc), a precursor of sialic acids. It is a rate-limiting enzyme in the sialic acid biosynthetic pathway. Sialic acid modification of cell surface molecules is crucial for their function in man y biologic processes, including cell adhesion and signal transduction. Differential sialylation of cell surface molecules is also implicated in the tumorigenicity and metastatic behavior of malignant cells. Mutations i n this gene are associated with sialuria, autosomal recessive inclusion body myopathy, and Nonaka myop athy. Alternative splicing of this gene results in transcript variants encoding different isoforms.
基因ID	10020
基因名	GNE
Swiss	Q9Y223 (https://www.uniprot.org/uniprotkb/Q9Y223/entry)
别名	GNE,GNE Rabbit mAb,UDP-GlcNAc-2-epimerase/ManAc kinase,UDP-GlcNAc-2-epimerase,Uridine diphosph ate-N-acetylglucosamine-2-epimerase,ManAc kinase,GLCNE

产品验证



Western blot analysis of GNE expressed in LO2,Jurkat,HeLa using GNE Rabbit mAb at 1:1000. Secondary a ntibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% n on-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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