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GNE Antibody

货号: **AYP6323**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	66kDa/71kDa/78kDa/79kDa/83kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. 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	Synthesized peptide derived from Human GNE.
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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 many 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 in this gene are associated with sialuria, autosomal recessive inclusion body myopathy, and Nonaka myopathy. 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,DMRV,GLCNE,IBM2,NM,Uae1,GNE Antibody,UDP-GlcNAc-2-epimerase/ManAc kinase,UDP-GlcNAc-2-epimerase,Uridine diphosphate-N-acetylglucosamine-2-epimerase,ManAc kinase

产品验证

实验步骤

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