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MGAT2 Rabbit pAb

货号: AYP13199

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**IHC:** Mus musculus
应用	WB IHC
推荐浓度	**WB:** 1:200 - 1:2000 **IHC:** 1:50 - 1:200
理论分子量	51kDa
实测分子量	60kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	K-562,Mouse kidney,Rat kidney
细胞定位	Golgi apparatus membrane,Single-pass type II membrane protein
纯化	Affinity purification

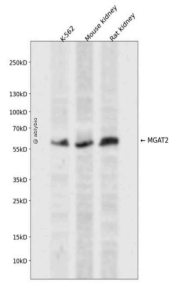
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 178-447 of human MGAT2 (NP_002399.1).

靶点信息

研究背景	The product of this gene is a Golgi enzyme catalyzing an essential step in the conversion of oligomannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-terminal catalytic domain. Mutations in this gene may lead to carbohydrate-deficient glycoprotein syndrome, type II. The coding region of this gene is intronless. Transcript variants with a spliced 5' UTR may exist, but their biological validity has not been determined.
基因ID	4247
基因名	MGAT2
Swiss	Q10469 (https://www.uniprot.org/uniprotkb/Q10469/entry)
别名	MGAT2,CDG2A,CDGS2,GLCNACTII,GNT-II,GNT2,alpha-1,MGAT2 Rabbit pAb,Beta-1,2-N-acetylglucosaminyltransferase II,GlcNAc-T II,Mannoside acetylglucosaminyltransferase 2,N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase II

产品验证



Western blot analysis of MGAT2 expressed in K-562,Mouse kidney,Rat kidney using MGAT2 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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