

GNPTAB Rabbit pAb

货号: **AYP13845**

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	55kDa/143kDa
实测分子量	144kDa
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	LO2,293T
细胞定位	Golgi apparatus membrane,Single-pass type I membrane protein,Single-pass type II membrane protein
纯化	Affinity purification

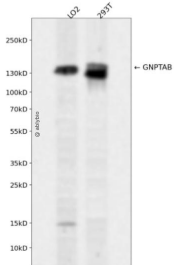
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 42-350 of human GNPTAB (NP_077288.2).
序列	LEWSRDQYHVLFDSDYRDNIAGKSFQNRCLPMPIDVVYTWVNGTDLELLKELQQVREQMEEEQKAMREILGKNTTEPTKK SEKQLECLLTHCIKVPMLVLDPALPANITLKDLPSTLYPSFHSASDIFNVAKPKNPSTNVSVVVFSTKDVEDAHSGLKGN RQTVWRGYLTTDKEVPGLVLMQDLAFLSGFPPTFKETNQLKTKLPENLSSKVLLQLYSEASVALLKLNNPKDFQELNKQT KKNMTIDGKELTISPAYLLWDLAISQSKQDEDISASRFEDNEELRYSLRSIERHAPWVRNIFIVT

靶点信息

研究背景	This gene encodes two of three subunit types of the membrane-bound enzyme N-acetylglucosamine-1-phosphotransferase, a heterohexameric complex composed of two alpha, two beta, and two gamma subunits. The encoded protein is proteolytically cleaved at the Lys928-Asp929 bond to yield mature alpha and beta polypeptides while the gamma subunits are the product of a distinct gene (GeneID 84572). In the Golgi apparatus, the heterohexameric complex catalyzes the first step in the synthesis of mannose 6-phosphate recognition markers on certain oligosaccharides of newly synthesized lysosomal enzymes. These recognition markers are essential for appropriate trafficking of lysosomal enzymes. Mutations in this gene have been associated with both mucopolipidosis II and mucopolipidosis IIIA.
基因ID	79158
基因名	GNPTAB
Swiss	Q3T906
别名	GNPTAB;GNPTA;ICD

产品验证



Western blot analysis of GNPTAB expressed in LO2,293T using GNPTAB 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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