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Galactosidase alpha (YD18275) Rabbit mAb

货号: AYD13567

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB, IHC, ICC/IF, FC, IP
推荐浓度	**WB: 1:1000-1:5000:** **IHC-P: 1:50-1:200:** **ICC/IF: 1:50-1:500:** **FC: 1:50-1:100 IP: 1:10-1:100:**
理论分子量	49kDa
实测分子量	49 kDa
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	SW620,BT-474,HeLa
细胞定位	Lysosome
纯化	亲和纯化

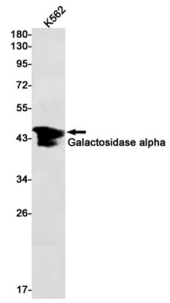
抗原信息

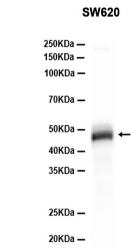
抗原信息	

靶点信息

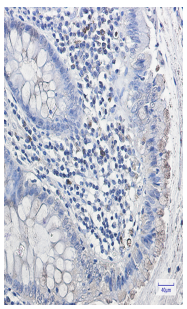
研究背景	This gene encodes a homodimeric glycoprotein that hydrolyses the terminal alpha-galactosyl moieties fro m glycolipids and glycoproteins. This enzyme predominantly hydrolyzes ceramide trihexoside, and it can catalyze the hydrolysis of melibiose into galactose and glucose. A variety of mutations in this gene affect the synthesis, processing, and stability of this enzyme, which causes Fabry disease, a rare lysosomal stor age disorder that results from a failure to catabolize alpha-D-galactosyl glycolipid moieties.
基因ID	2717
基因名	GLA
Swiss	P06280 (https://www.uniprot.org/uniprotkb/P06280/entry)
别名	Galactosidase alpha (YD18275),Galactosidase alpha (YD18275) Rabbit mAb,GLA,Alpha-D-galactosidase A,Alpha-D-galactoside galactohydrolase,Galactosylgalactosylglucosylceramidase GLA,Melibiase

产品验证

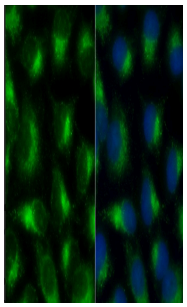




Western blot analysis of extracts from K562 cells using Galactosidase alpha at 1:1000.



Immunohistochemical analysis of paraffin-embedded human colon cancer using Galactosidase alpha antibody.



Immunofluorescence analysis of HeLa cells labelling Galactosidase alpha with db13567. The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Galactosidase alpha (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

实验步骤

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