Galactosidase alpha (GLA) Rabbit pAb

货号: AYP13019

产品信息

反应	Human,Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus **ICH:** Mus musculus **IF:** Mus musculus **ELISA:** Mus musculus
应用	WB IF/ICC
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:100
理论分子量	48kDa
实测分子量	49kDa
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	SW620,BT-474,HeLa
细胞定位	Lysosome
纯化	Affinity purification

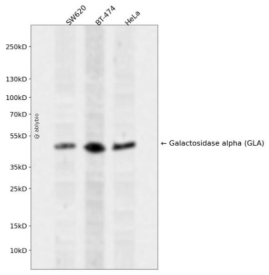
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 150-429 of human Galactosidase alpha (Galactosidase alpha (GLA)) (NP_000160.1).
序列	GYYDIDAQTFADWGVDLLKFDGCYCDSLENLADGYKHMSLALNRTGRSIVYSCEWPLYMWPFQKPNYTEIRQYCNHWRNFADIDDSWKSIKSILDWTSFNQERIVDVAGPGGWNDPDMLVIGNFGLSWNQQVTQMALWAIMAAPLFMSNDLRHISPQAKALLQDKDVIAINQDPLGKQGYQLRQGDNFEVWERPLSGLAWAVAMINRQEIGGPRSYTIAVASLGKGVACNPACFITQLLPVKRKLGFYEWTSRLRSHINPTGTVLLQLENTMQMSLKDLL

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
别名	GLA;GALA

产品验证



Western blot analysis of Galactosidase alpha (GLA) expressed in SW620,BT-474,HeLa using Gala ctosidase alpha (GLA) 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. Det ection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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