GLA antibody

Catalog No: #38284

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Description

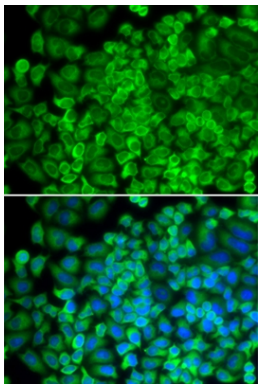
Product Name	GLA antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total GLA antibody.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human GLA.
Target Name	GLA
Other Names	GALA;
Accession No.	Swiss-Prot#: P06280NCBI Gene ID: 2717
SDS-PAGE MW	49kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:2000

Immunofluorescence: 1:50 - 1:100

Images



Immunofluorescence analysis of HeLa cell using GLA antibody. Blue: DAPI for nuclear staining.

Background

This gene encodes a homodimeric glycoprotein that hydrolyses the terminal alpha-galactosyl moieties from 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 storage disorder that results from a failure to catabolize alpha-D-galactosyl glycolipid moieties.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.