GLA Polyclonal Antibody

Catalog No.	A13987	**Category**	Polyclonal Antibodies
Applications	WB	**Observed MW**	49kDa
Cross-reactivity	Human	**Calculated MW**	48kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 150-429 of human GLA (NP_000160.1).
Gene ID	2717
Swiss prot	P06280
Synonyms	GLA; GALA; galactosidase alpha

Product information

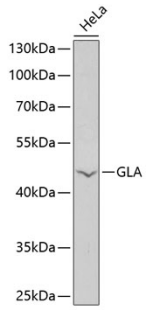
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

Recommended Dilutions

WB 1:500 - 1:2000



Western blot - GLA Polyclonal Antibody (A13987)

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