Datasheet for ABIN390687
anti-GLA antibody (N-Term)

4	Images

Overview

Quantity:	400 μL
Target:	GLA
Binding Specificity:	AA 83-112, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLA antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GLA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 83-112 amino acids from the N-terminal region of human GLA.
Clone:	RB19115
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

|	
Target:	GLA
Alternative Name:	GLA (GLA Products)

Target Details

Background:	GLA is 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.
Molecular Weight:	48767
Gene ID:	2717
NCBI Accession:	NP_000160
UniProt:	P06280
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

|	
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

Handling

|	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months
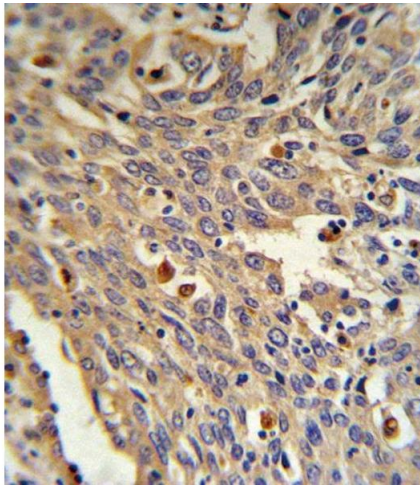
Images

Immunohistochemistry (Paraffin-embedded Sections)

Image 1. GLA Antibody (N-term) (ABIN390687 and ABIN2840977) IHC analysis in formalin fixed and paraffin embedded human Lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GLA Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.
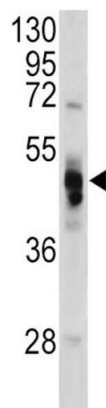
Western Blotting

Image 2. Western blot analysis of GLA antibody (N-term) (ABIN390687 and ABIN2840977) in Hela cell line lysates (35 µg/lane). GLA (arrow) was detected using the purified Pab.
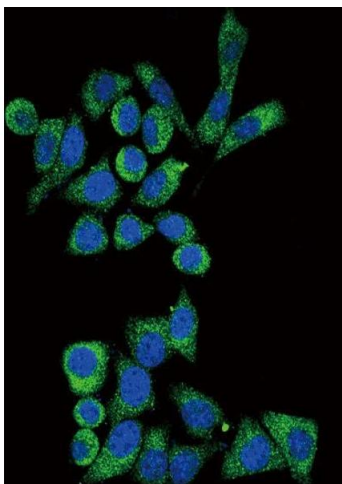
Immunofluorescence

Image 3. Confocal immunofluorescent analysis of GLA Antibody (N-term) (ABIN390687 and ABIN2840977) with Hela cell followed by Alexa Fluor?488-conjugated goat anti-rabbit IgG (green). DI was used to stain the cell nuclear (blue).

Please check the product details page for more images. Overall 4 images are available for ABIN390687.