

Datasheet for ABIN6242955  
**anti-GALC antibody (AA 26-56)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	200 µL
Target:	GALC
Binding Specificity:	AA 26-56
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This GALC antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 26-56 amino acids from human GALC.
Clone:	RB55884
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	GALC
Alternative Name:	GALC ( <a href="#">GALC Products</a> )
Background:	Hydrolyzes the galactose ester bonds of galactosylceramide, galactosylsphingosine,

## Target Details

lactosylceramide, and monogalactosyldiglyceride. Enzyme with very low activity responsible for the lysosomal catabolism of galactosylceramide, a major lipid in myelin, kidney and epithelial cells of small intestine and colon.

Molecular Weight: 77063

UniProt: [P54803](#)

## Application Details

Application Notes: WB: 1:2000. FC: 1:25

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

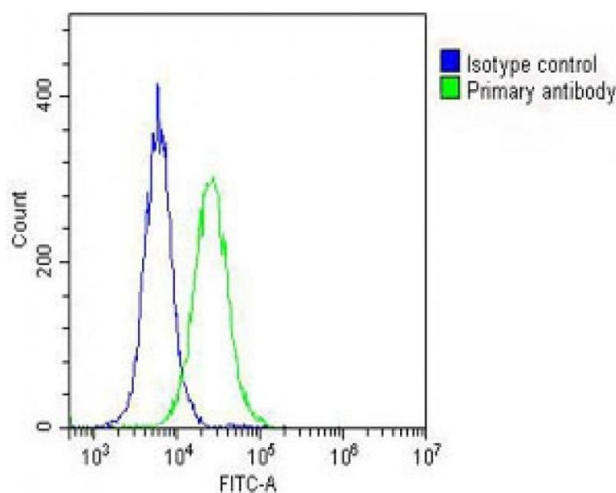
Preservative: Sodium azide

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

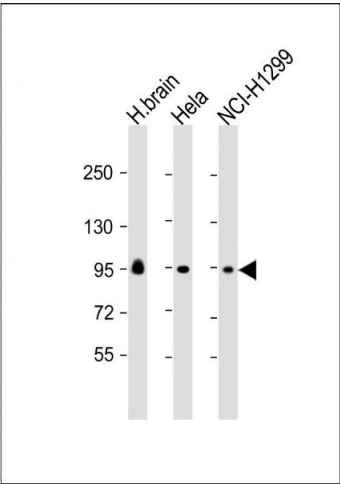
Expiry Date: 6 months

## Images



### Flow Cytometry

**Image 1.** Overlay histogram showing Hela cells stained with (ABIN6242955 and ABIN6578646) (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6242955 and ABIN6578646), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C.



Isotype control antibody (blue line) was rabbit IgG (1  $\mu$ g/ $1 \times 10^6$  cells) used under the same conditions. Acquisition of  $>10,000$  events was performed.

Western Blotting

**Image 2.** All lanes : Anti-GALC Antibody (N-Term) at 1:2000 dilution Lane 1: human brain lysate Lane 2: HeLa whole cell lysate Lane 3: NCI- whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 77 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.