

## Anti-GALC Antibody (N-Term)

Catalog Number: M01634

### About GALC

Hydrolyzes the galactose ester bonds of galactosylceramide, galactosylsphingosine, 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.

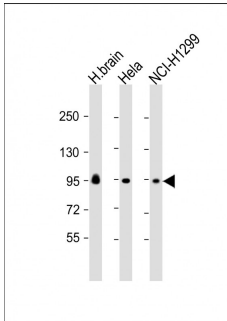
### Overview

Product Name	Anti-GALC Antibody (N-Term)
Reactive Species	Human
Description	Boster Bio Anti-GALC Antibody (N-Term) (Catalog # M01634). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P54803

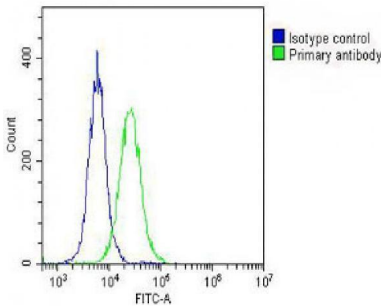
### Technical Details

Immunogen	This GALC antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 26-56 amino acids from human GALC.
Predicted Reactive Species	Mouse
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 FC: 1:25

## Anti-GALC Antibody (N-Term) (M01634) Images



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-H1299 whole cell lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 77 kDa  
Blocking/Dilution buffer: 5% NFD/MTBST.



Overlay histogram showing HeLa cells stained with M01634 (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 (M01634, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG (1µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10, 000 events was performed.

### Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-GALC Antibody (N-Term)

For Research Use Only. Not for use in diagnostic procedures.