

Datasheet for ABIN655593
anti-GALNS antibody (AA 236-263)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	GALNS
Binding Specificity:	AA 236-263
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNS antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This GALNS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 236-263 amino acids from the Central region of human GALNS.
Clone:	RB31386
Isotype:	Ig Fraction
Predicted Reactivity:	M, Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GALNS
---------	-------

Target Details

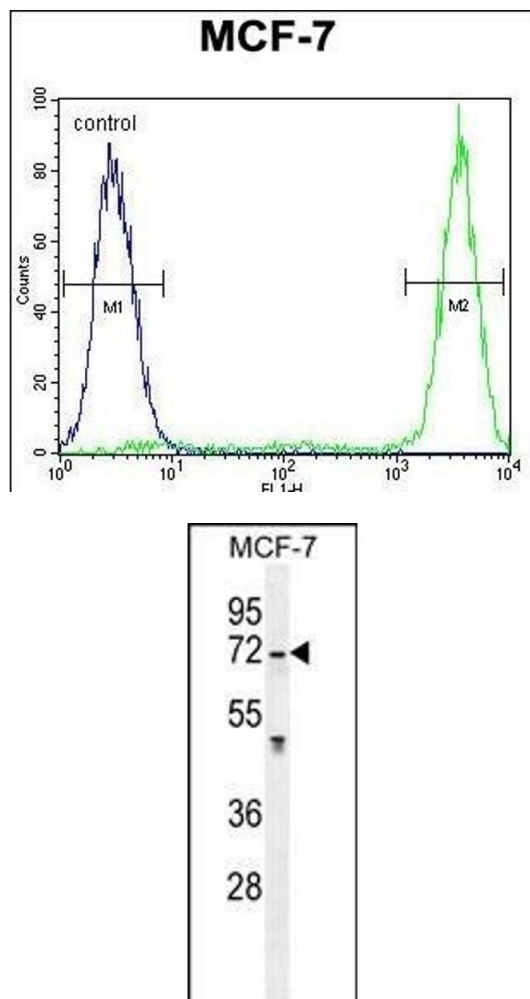
Alternative Name:	GALNS (GALNS Products)
Background:	This gene encodes N-acetylgalactosamine-6-sulfatase which is a lysosomal exohydrolase required for the degradation of the glycosaminoglycans, keratan sulfate, and chondroitin 6-sulfate. Sequence alterations including point, missense and nonsense mutations, as well as those that affect splicing, result in a deficiency of this enzyme. Deficiencies of this enzyme lead to Morquio A syndrome, a lysosomal storage disorder. [provided by RefSeq].
Molecular Weight:	58026
Gene ID:	2588
NCBI Accession:	NP_000503
UniProt:	P34059
Pathways:	Glycosaminoglycan Metabolic Process

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

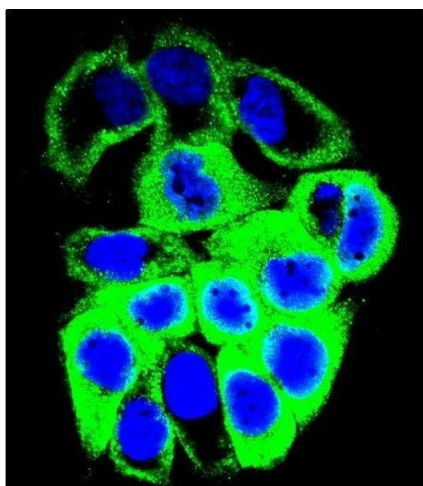


Flow Cytometry

Image 1. GALNS Antibody (Center) (ABIN655593 and ABIN2845079) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. GALNS Antibody (Center) (ABIN655593 and ABIN2845079) western blot analysis in MCF-7 cell line lysates (35 μ g/lane). This demonstrates the GALNS antibody detected the GALNS protein (arrow).



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of GALNS Antibody (Center) (ABIN655593 and ABIN2845079) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN655593.