

Datasheet for ABIN2856743
anti-GALNS antibody (Center)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	GALNS
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNS antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human GALNS. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to GALNS (galactosamine (N-acetyl)-6-sulfate sulfatase) GALNS antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	GALNS
Alternative Name:	GALNS (GALNS Products)

Target Details

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.

Cellular Localization: Lysosome

Molecular Weight: 58 kDa

Gene ID: 2588

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher. Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000*

Comment: Positive Control: H1299 , Neuro2A , C2C12 , PC-12 , Rat2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

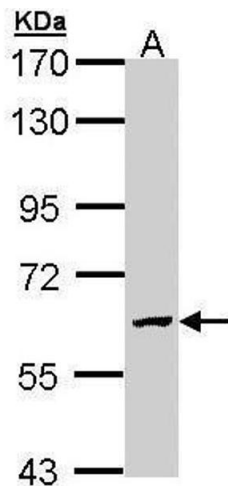
Buffer: 0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

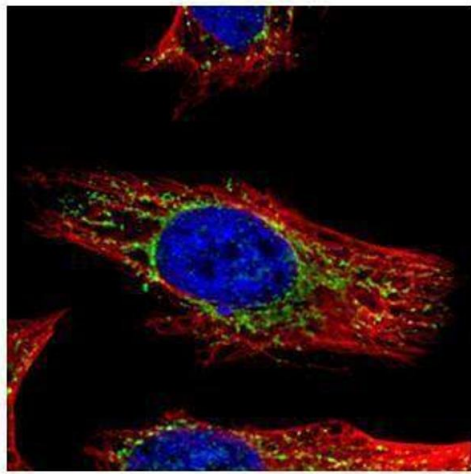
Storage: -20 °C

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



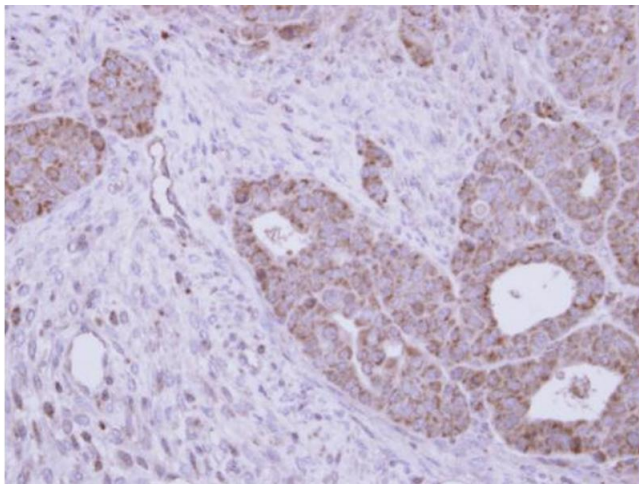
Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: H1299 7.5% SDS PAGE antibody diluted at 1:1000



Immunofluorescence

Image 2. ICC/IF Image Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using GALNS, antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:500.



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded NCI-N87 xenograft, using GALNS, antibody at 1:100 dilution.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2856743.