

Product datasheet

Anti-GALNS antibody ab69957

2 References 1 Image

Overview

Product name	Anti-GALNS antibody
Description	Mouse polyclonal to GALNS
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length human GALNS protein (NP_000503.1)
Positive control	GALNS transfected 293T cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab69957** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 50 kDa (predicted molecular weight: 58 kDa).

Target

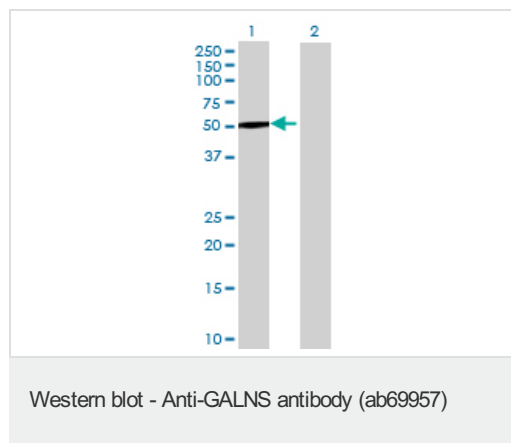
Relevance

GALNS (N-acetylgalactosamine-6-sulfatase) is a lysosomal exohydrolase which catalyzes the hydrolysis of the 6-sulfate groups of the N-acetyl-D-galactosamine 6-sulfate units of chondroitin sulfate and of the D-galactose 6-sulfate units of keratan sulfate. Deficiencies of this enzyme lead to Morquio A syndrome, a lysosomal storage disorder.

Cellular localization

Lysosome

Images



All lanes : Anti-GALNS antibody (ab69957) at 1/500 dilution

Lane 1 : GALNS transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 58 kDa

Observed band size: 50 kDa

[why is the actual band size different from the predicted?](#)

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