

## Product datasheet

# Anti-GALNS antibody ab69957

[1 References](#) [1 Image](#)

### Overview

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

### Properties

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

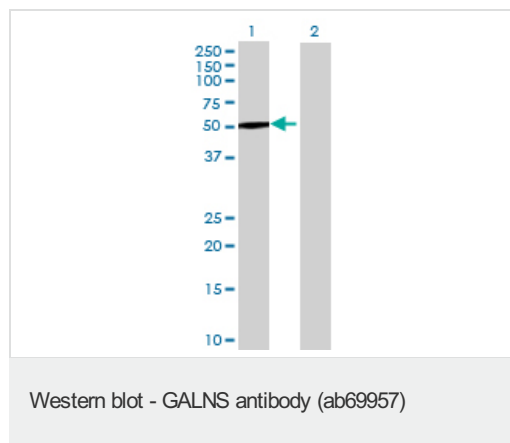
## Relevance

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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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