

# GALNS Rabbit pAb

Catalog No.: A25031

## Basic Information

### Observed MW

40kDa

### Calculated MW

58kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse, Rat

## 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.

## Recommended Dilutions

WB 1:1000 - 1:5000

## Immunogen Information

### Gene ID

2588

### Swiss Prot

P34059

### Immunogen

Recombinant Protein corresponding to a sequence within amino acids 27-307 of human GALNS(NP\_000503.1).

### Synonyms

GAS; MPS4A; GalN6S; GALNAC6S; GALNS

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

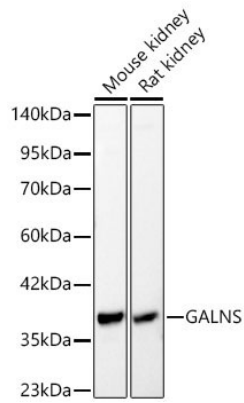
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using GALNS Rabbit pAb (A25031) at 1:2000 dilution.  
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.  
Lysates / proteins: 25 µg per lane.  
Blocking buffer: 3 % nonfat dry milk in TBST.  
Detection:ECL Basic Kit (RM00020).  
Exposure time: 45s.