

# Rabbit GALNS Polyclonal Antibody | anti-GALNS antibody

GALNS Antibody

|                               |                       |                                                                                                    |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA225491</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence</b> |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------------------------|

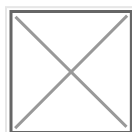
## PRODUCT SYNONYMS

GALNS; Polyclonal Antibody; GALNS Antibody; Affinity Purified Rabbit Polyclonal GALNS Antibody; Polyclonal GALNS antibody; Anti-GALNS antibody; GALNAC6S antibody; galactose-6-sulfate sulfatase antibody; FLJ98217 antibody; GAS antibody; GALNS antibody; FLJ42844 antibody; FLJ17434 antibody; MPS4A antibody; anti-GALNS antibody

## PRODUCT SPECIFICATIONS

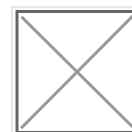
|                                                 |                                                                                                                                              |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                       |
| Clonality                                       | Polyclonal                                                                                                                                   |
| Isotype                                         | IgG                                                                                                                                          |
| Purity/Purification                             | Antigen-Affinity Chromatography                                                                                                              |
| Form/Format                                     | Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative. |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                                                      |
| Sequence Length                                 | 238                                                                                                                                          |
| Applicable Applications for anti-GALNS antibody | WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)                                            |
| Cross-Reactivity                                | Human                                                                                                                                        |
| Preparation and Storage                         | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.      |

## IMAGES



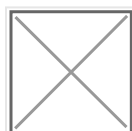
### WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: H1299) using a 7.5% SDS PAGE gel and GALNS antibody at a dilution of 1:1000



### IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded NCI-N87 xenograft using GALNS antibody at a dilution of 1:100



### IF (Immunofluorescence)

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.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GALNS antibody | 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. |
| Product Categories/Family for anti-GALNS antibody   | Proteases; Inhibitors; & Enzymes                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | 39645009                             |
| NCBI GeneID                      | 2588                                 |
| Molecular Weight                 | 58 kDa                               |
| NCBI Official Full Name          | GALNS protein, partial               |
| NCBI Official Synonym Full Names | galactosamine (N-acetyl)-6-sulfatase |
| NCBI Official Symbol             | GALNS                                |
| NCBI Official Synonym Symbols    | GAS; MPS4A; GalN6S; GALNAC6S         |
| NCBI Protein Information         | N-acetylgalactosamine-6-sulfatase    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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