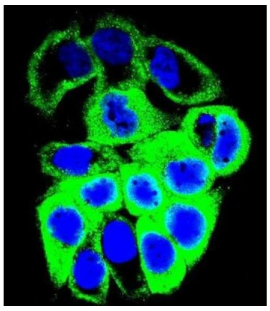
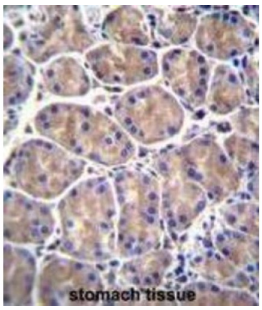
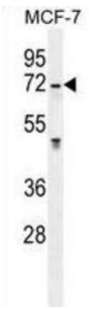
# N-Acetylgalactosamine 6-Sulfatase (GALNS) Antibody

Catalogue No.:abx026361








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. [provided by RefSeq].

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| **Target:** | N-Acetylgalactosamine 6-Sulfatase (GALNS) |
| **Clonality:** | Polyclonal |
| **Reactivity:** | Human |
| **Tested Applications:** | ELISA, WB, IHC, IF/ICC, FCM |
| **Host:** | Rabbit |
| **Recommended dilutions:** | WB: 1/1000, IHC-P: 1/10 - 1/50, IF/ICC: 1/10 - 1/50, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |


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|---|---|
| **Conjugation:** | Unconjugated |
| **Immunogen:** | KLH-conjugated synthetic peptide between 236-263 amino acids from the Central region of human GALNS. |
| **Isotype:** | IgG |
| **Form:** | Liquid |
| **Purification:** | Purified through a protein A column, followed by peptide affinity purification. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| **UniProt Primary AC:** | P34059 (UniProt, ExPASy) |
| **Gene Symbol:** | GALNS |
| **KEGG:** | hsa:2588 |
| **String:** | 9606.ENSP00000268695 |
| **Molecular Weight:** | Calculated MW: 58 kDa |
| **Buffer:** | PBS containing 0.09% sodium azide. |
| **Specificity:** | Predicted to react with Mouse, Rat and Pig GALNS. |
| **Note:** | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |




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