

GALNS

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 58kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human GALNS

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GAS; MPS4A; GalN6S; GALNAC6S

Catalog #: A5461

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2588

Isotype: IgG

Swiss Prot: P34059

Purity: Affinity purification

For research use only.

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.

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