

## GNS

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

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

**Calculated MW:**62kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human GNS

**Storage Buffer:**

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

**Synonym:**

G6S;

**Catalog #:**A7489

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2799

**Isotype:**IgG

**Swiss Prot:**P15586

**Purity:**Affinity purification

For research use only.

**Background:**

The product of this gene is a lysosomal enzyme found in all cells. It is involved in the catabolism of heparin, heparan sulphate, and keratan sulphate. Deficiency of this enzyme results in the accumulation of undegraded substrate and the lysosomal storage disorder mucopolysaccharidosis type IIID (Sanfilippo D syndrome). Mucopolysaccharidosis type IIID is the least common of the four subtypes of Sanfilippo syndrome.

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