

GUSB

Reactivity:Human Mouse Rat

Tested applications:WB IHC

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

Calculated MW:75kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human GUSB

Storage Buffer:

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

Synonym:

BG; MPS7;

Catalog #:A5813

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:2990

Isotype:IgG

Swiss Prot:P08236

Purity:Affinity purification

For research use only.

Background:

This gene encodes a hydrolase that degrades glycosaminoglycans, including heparan sulfate, dermatan sulfate, and chondroitin-4,6-sulfate. The enzyme forms a homotetramer that is localized to the lysosome. Mutations in this gene result in mucopolysaccharidosis type VII. Alternative splicing results in multiple transcript variants. There are many pseudogenes of this locus in the human genome.

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