

## 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.

*To place an order, please [Click HERE](#).*