

GUSB RABBIT PAB

Cat.#: S219167

Product Name: Anti-GUSB Rabbit Polyclonal Antibody

Synonyms: BG; MPS7

UNIPROT ID: P08236 (Gene Accession - BC014142)

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.

Immunogen: Fusion protein of human GUSB

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 40-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

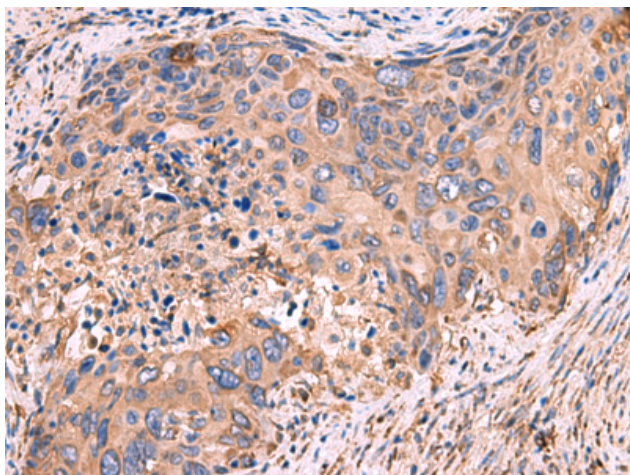
Purification: Antigen affinity purification

Species Reactivity: Human

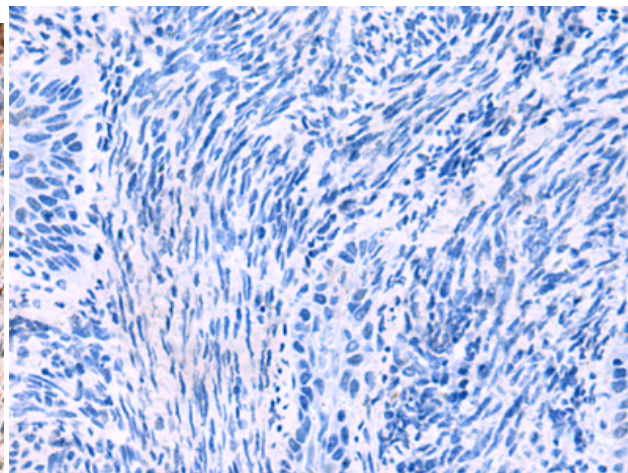
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism

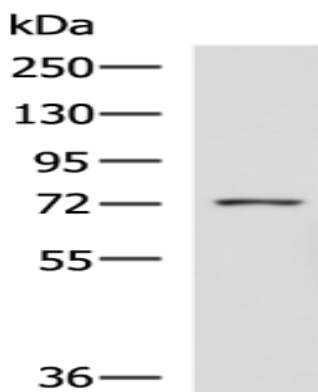
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 219167(GUSB Antibody) at a dilution of 1/50(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 219167(Anti-GUSB Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 μ g;
Lane: K562 cell lysate;
Primary antibody: 219167(GUSB Antibody) at dilution 1/800;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 5 seconds