

PYGB

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 96kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PYGB

Storage Buffer:

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

Synonym:

GPBB;

Catalog #: A6402

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5834

Isotype: IgG

Swiss Prot: P11216

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a glycogen phosphorylase found predominantly in the brain. The encoded protein forms homodimers which can associate into homotetramers, the enzymatically active form of glycogen phosphorylase. The activity of this enzyme is positively regulated by AMP and negatively regulated by ATP, ADP, and glucose-6-phosphate. This enzyme catalyzes the rate-determining step in glycogen degradation.

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