PYGB Rabbit pAb

Catalog No.: A6402

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Basic Information

Observed MW
105 kDa

Calculated MW
97 kDa

Category
Polyclonal Antibodies

Applications
WB, IP, ELISA

Cross Reactivity
Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

IP
0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
5834

Swiss-Prot
P11216

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
GPBB; PYGB

Contact

400-999-6126
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Product Information

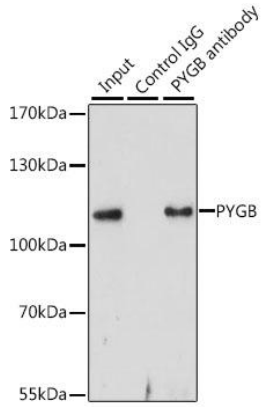
Source
Rabbit

Isotype
IgG

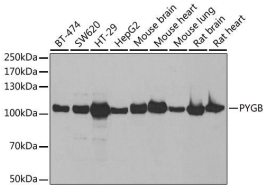
Purity
Affinity purification

Storage
Store at -20℃

Validation Data



Immunoprecipitation analysis of 200 µg extracts of HepG2 cells, using 3 µg PYGB antibody (A6402). Western blot was performed from the immunoprecipitate using PYGB antibody (A6402) at a dilution of 1:1000.



Western blot analysis of various lysates using PYGB Rabbit pAb (A6402) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.