

GPBB / PYGB Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10372**Specification**

GPBB / PYGB Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	P11216
Reactivity	Human, Rabbit, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97kDa KDa

GPBB / PYGB Antibody (C-Terminus) - Additional Information**Gene ID** 5834**Other Names**

Glycogen phosphorylase, brain form, 2.4.1.1, PYGB

Target/Specificity

Human PYGB. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

GPBB / PYGB Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GPBB / PYGB Antibody (C-Terminus) - Protein Information**Name** PYGB {ECO:0000303|PubMed:3346228}**Function**

Glycogen phosphorylase that regulates glycogen mobilization (PubMed:27402852). Phosphorylase is an important allosteric enzyme in carbohydrate metabolism (PubMed:3346228). Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates (PubMed:3346228). However, all known phosphorylases share catalytic and structural properties (PubMed:3346228).

Volume

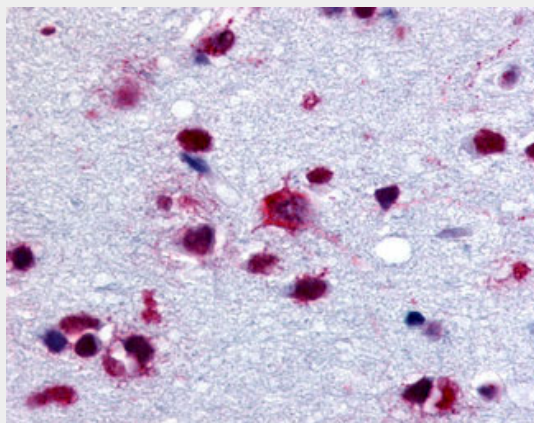
50 µl

GPBB / PYGB Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPBB / PYGB Antibody (C-Terminus) - Images



Anti-PYGB antibody ALS10372 IHC of human brain.

GPBB / PYGB Antibody (C-Terminus) - Background

Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties.

GPBB / PYGB Antibody (C-Terminus) - References

Newgard C.B., et al. J. Biol. Chem. 263:3850-3857(1988).
Gelinas R.P., et al. Brain Res. Mol. Brain Res. 6:177-185(1989).
Deloukas P., et al. Nature 414:865-871(2001).
Gevaert K., et al. Nat. Biotechnol. 21:566-569(2003).
Bienvenut W.V., et al. Submitted (JUL-2007) to UniProtKB.